Diary.

1913.

pt sBr97.41.1(25)

William Brewster,
145 Brattle Street,
Cambridge, Massachusetts,
U.S.A.

Should this diary be
lost and found the
finder would be suitably
rewarded for restoring it
to me at the above
address. My foreign
address is in care of
Brown, Shipley & Co.
Pall Mall, London.

THE STANDARD DIARY

For Sale by All Stationers.

PUBLISHED BY
THE STANDARD DIARY CO.

FOR IDENTIFICATION.

My Name... William Brewster.....

My Residence... 145 Brattle Street,.....

Cambridge, Mass, U.S.A.....

My Business Address... 15 State Street,.....

Room 20, Boston, Mass. U.S.A...

My Home Telephone... 117 Cambridge.....

My Office Telephone.....

In case of accident or serious Illness please notify

Frederic R. Gallowpe, 15 State St.,.....

Room 20, Boston, Mass.,.....

.....

The make of my Automobile.....

.....

Its number.....

Number on case of my Watch.....

Number of the works.....

Number of my Bank Book.....

My Weight was... 165 lbs.....

On.....

and my Height.....5.....feet 11½....inches

Size of Hat.....Gloves.....

" Hosiery.....Collar.....

" Cuffs.....Shoes.....

" Shirt.....Drawers.....

CALENDAR.

1913

	Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
JAN.	..	..	..	1	2	3	4
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CALENDAR.

1914

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RATES OF POSTAGE.

(Official at time of going to press, but subject to change.)

U. S. and Possessions, Canada, Mexico, Cuba and Shanghai.

First class (letters, etc.)	per oz. 2c
Second class (newspapers, periodicals) .	4 " 1c
Third class (books, circulars) . . .	2 " 1c
Fourth class (merchandise, etc.) . . .	1 " 1c
Registration fee (extra postage)	10c
Special delivery (" ")	10c
Postal cards (reply cards 2c.)	1c
Local or drop letters (where no free delivery)	per oz. 1c

Mail for officers or members of the crew of the U. S. Navy, wherever stationed, at domestic rates.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed* without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

ALL MAILABLE MATTER not included in the above, so prepared for mailing as to be *easily withdrawn from the wrapper* and examined, is classified as merchandise. Limit of weight 4 lbs. Full prepayment compulsory.

MONEY ORDERS.—For sums not exceeding $2.50, three cents; $2.50 to $5, five cents; $5 to $10, eight cents; $10 to $20, ten cents; $20 to $30, twelve cents; $30 to $40, fifteen cents; $40 to $50, eighteen cents; $50 to $60, twenty cents; $60 to $75, twenty-five cents; $75 to $100, thirty cents.

To Foreign Countries.

Letters for British Isles and Newfoundland	1 oz., 2c
" for Germany	1 " 2c
(If sent by German steamer)	
" for other countries	1 " 5c
each additional oz. or fraction	3c
Postal Cards (reply cards, 4c)	2c
Newspapers and printed matter . .	2 oz., 1c
Samples merchandise	first 4 " 2c
"	every additional 2 " 1c
Commercial papers . .	first 10 oz. or fraction 5c
" . .	every additional 2 oz., 1c
Registration Fee (extra postage)	10c
Reply Coupons	6c
Parcel Post (enquire at P. O.) . . .	per lb. 12c
Money Orders (enquire at P. O.)	

LEGAL HOLIDAYS.

In most States when the holiday falls on Sunday the Monday following is observed.

Legal Holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

ALASKA—Jan. 1, Feb. 22, July 4, Thanksgiving, Dec. 25.

ARIZONA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.

ARKANSAS—Jan. 1 and 19, Feb. 22, Arbor Day, July 4, Labor Day, Oct. 12, Thanksgiving. Dec. 25.

CALIFORNIA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. election.

COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, 1st. Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

CONNECTICUT—Jan. 1, Feb. 12 and 22, Fast Day, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Mon. in Sept., Oct. 12, Thanksgiving, Dec. 25, election day.

DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, 1st Mon. in Sept., Thanksgiving, Dec. 25.

FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, April 26, June 3, July 4, 1st Mon. in Sept., Thanksgiving Dec. 25, general election

GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, 1st Monday in Sept., any Thanksgiving, 1st Friday in December, Dec. 25.

HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.

IDAHO—Jan. 1, Feb. 22, Arbor Day, July 4, Labor Day, Oct. 12, any day of Thanksg'g, Dec. 25, gen. election.

ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, elec. days.

INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election,

KANSAS—Feb. 12 and 22, May 30, public fast, July 4, 1st Monday in September, Oct. 12, Thanksgiving, Dec. 25, general election.

KENTUCKY—Jan. 1, Feb. 22, May 30. July 4, public fast, Labor Day, Oct. 12, Th'ksg'g, Dec. 25, gen. elec.

LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.

MAINE—Jan. 1, Feb. 22, Arbor Day, April 19, May 30, July 4, 1st Mon. in Sept., Thanksg'g, Dec. 25, gen. elec.

MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, 1st Monday in September, Sept. 12, Oct. 12, Thanksgiving, Dec. 25, general election.

MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25.

MICHIGAN—Jan. 1, Feb 12 and 22, May 30, July 4, 1st Monday in September, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, election days.

MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, Arbor Day, general election.

MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.

MONTANA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

NEBRASKA—Jan. 1, Feb. 22, April 22, May 30, July 4, 1st Mon. in Sept., public fast, Thanksgiving, Dec. 25.

NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Oct. 31, Thanksgiving, Dec. 25, general election.

NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday P.M., general election.

NEW MEXICO—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Thanksgiving, Dec. 25, gen. elec.

NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.

NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, elec. last Thursday in June, July 4, Arbor Day, Thanksgiving, public fast, Dec. 25, general election.

OHIO—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, general election.

OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25, elec. day.

OREGON—Jan. 1, Feb. 22, May 30, July 4, 1st Monday in September, public fast, Thanksgiving, Dec. 25, general election.

PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday P.M.

RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.

SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, general election.

SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.

TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, 1st Monday in Sept., Thanksgiving, Dec. 25, gen. election, every Sat. P.M.

TEXAS—Jan. 1, Feb. 22, March 2, April 21, June 3, July 4, 1st Mon. in September. Oct. 12, days of Fasting and Thanksgiving, Dec. 25, election day.

UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, 1st Monday in Sept., Thanksgiving, Dec. 25.

VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.

VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, 1st Monday in September, Thanksgiving, Dec. 25, every Saturday P.M., general election

WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, 1st Monday in Sept., Oct. 12, Thanksgiving, Dec. 25, general election.

WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, any day of National Thanksgiving, Dec. 25, general election.

WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, 1st Monday in September, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, general election.

WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, July 10, Labor Day, Thanksgiving, Dec. 25, gen. election.

POPULATION OF THE UNITED STATES.

	1910	1900
Alabama	2,138,093	1,828,697
Arizona	204,354	122,931
Arkansas	1,574,449	1,311,564
California	2,377,549	1,485,053
Colorado	799,024	539,700
Connecticut	1,114,756	908,420
Delaware	202,322	184,735
Dist. of Columbia	331,069	278,718
Florida	752,619	528,542
Georgia	2,609,121	2,216,331
Idaho	325,594	161,772
Illinois	5,638,591	4,821,550
Indiana	2,700,876	2,516,462
Iowa	2,224,771	2,231,853
Kansas	1,690,949	1,470,495
Kentucky	2,289,905	2,147,174
Louisiana	1,656,388	1,381,625
Maine	742,371	694,466
Maryland	1,294,450	1,188,044
Massachusetts	3,366,416	2,805,346
Michigan	2,810,173	2,420,982
Minnesota	2,075,708	1,751,394
Mississippi	1,797,114	1,551,270
Missouri	3,293,335	3,106,665
Montana	376,053	243,329
Nebraska	1,192,214	1,066,300
Nevada	81,875	42,335

POPULATION OF THE UNITED STATES—CONTINUED.

	1910	1900
New Hampshire	430,572	411,588
New Jersey	2,537,167	1,883,669
New Mexico	327,396	195,310
New York	9,113,614	7,268,894
North Carolina	2,206,287	1,893,810
North Dakota	577,056	319,146
Ohio	4,767,121	4,157,545
Oklahoma	1,657,155	790,391
Oregon	672,765	413,536
Pennsylvania	7,665,111	6,302,115
Rhode Island	542,674	428,556
South Carolina	1,515,400	1,340,316
South Dakota	583,888	401,570
Tennessee	2,184,789	2,020,616
Texas	3,896,542	3,048,710
Utah	373,351	276,749
Vermont	355,956	343,641
Virginia	2,061,612	1,854,184
Washington	1,141,990	518,103
West Virginia	1,221,119	958,800
Wisconsin	2,333,860	2,069,042
Wyoming	145,965	92,531
Alaska	64,356	63,592
Hawaii	191,909	154,001
Porto Rico	1,118,012	953,243
Military and Naval	55,608	91,219
United States	93,401,414	77,256,630

POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O.	69,067	42,728
Albany, N. Y.	100,253	94,151
Allentown, Pa.	51,913	35,416
Altoona, Pa.	52,127	38,973
Atlanta, Ga.	154,839	89,872
Atlantic City, N. J.	46,150	27,838
Baltimore, Md	558,485	508,957
Bay City, Mich.	45,166	27,628
Bayonne, N. J.	55,545	32,722
Binghamton, N.Y.	48,443	39,647
Birmingham, Ala.	132,685	38,415
Boston, Mass.	670,585	560,892
Bridgeport, Conn.	102,054	70,996
Brockton, Mass.	56,878	40,063
Brooklyn, N.Y.	1,634,351	1,166,582
Buffalo, N.Y.	423,715	352,387
Cambridge, Mass.	104,839	91,886
Camden, N. J.	94,538	75,935
Canton, O.	50,217	30,667
Charleston, S. C.	58,833	55,807
Chattanooga, Tenn.	44,604	30,154
Chicago, Ill.	2,185,283	1,698,575
Cincinnati, O.	364,463	325,902
Cleveland, O.	560,663	381,768
Columbus, O.	181,548	125,560
Covington, Ky.	53,270	42,938
Dallas, Tex.	92,104	42,638
Dayton, O.	116,577	85,333
Denver, Col.	213,381	133,859
Des Moines, Ia.	86,368	62,139
Detroit, Mich.	465,766	285,704
Duluth, Minn.	78,466	52,969
East St. Louis, Ill.	58,547	29,655
Elizabeth, N. J.	73,409	52,130
Erie, Pa.	66,525	52,733
Evansville, Ind.	69,647	59,007
Fall River, Mass.	119,295	104,863
Fort Wayne, Ind.	63,933	45,115
Fort Worth, Tex.	73,312	26,688
Grand Rapids, Mich.	112,571	87,565
Harrisburg, Pa.	64,186	50,167
Hartford, Conn.	98,915	79,850

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Haverhill, Mass.	44,115	37,175
Hoboken, N. J.	70,324	59,364
Holyoke, Mass.	57,730	45,712
Houston, Tex.	78,800	44,633
Indianapolis, Ind.	233.650	169,164
Jacksonville, Fla.	57,699	28,429
Jersey City, N. J.	267,779	206,433
Johnstown, Pa.	55,482	35,936
Kansas City, Kan	82,331	51,418
Kansas City, Mo.	248,381	163,752
Lancaster, Pa.	47,227	41,459
Lawrence, Mass.	85,892	62,559
Lincoln, Neb.	43,973	40,169
Little Rock, Ark	45,941	38,307
Los Angeles, Cal.	319,198	102,479
Louisville, Ky.	223,928	204,731
Lowell, Mass.	106,294	94,969
Lynn, Mass.	89,336	68,513
Malden, Mass.	44,404	33,664
Manchester, N. H.	70,063	56,987
Memphis, Tenn.	131,105	102,320
Milwaukee, Wis.	373,857	285,315
Minneapolis, Minn.	301,408	202,718
Mobile, Ala.	51,521	38,469
Nashville, Tenn	110,364	80,865
Newark, N. J.	347,469	246,070
New Bedford, Mass.	96,652	62,442
New Britain, Conn.	43,916	25,998
New Haven, Conn.	133,605	108,027
New Orleans, La.	339,075	287,104
New York, N. Y.	4,766,883	3,437,202
Norfolk, Va.	67,452	46,624
Oakland, Cal.	150,174	66,960
Oklahoma City, Okla.	64,205	10,037
Omaha, Neb.	124,096	102,555
Passaic, N.J.	54,773	27,777
Paterson, N. J.	125,600	105,171
Pawtucket, R. I.	51,622	39,231
Peoria, Ill.	66,950	56,100
Philadelphia, Pa.	1,549,008	1,293,697
Pittsburg and Allegheny, Pa.	533,905	451,512
Portland, Me.	58,571	50,145
Portland, Ore	207,214	90,426

POPULATION OF PRINCIPAL CITIES—CONTINUED.

	1910	1900
Providence, R. I.	224,326	175,597
Pueblo, Col.	44,395	28,157
Reading, Pa.	96,071	78,961
Richmond, Va.	127,628	85,050
Rochester, N. Y.	218,149	162,608
Rockford, Ill.	45,401	31,051
Sacramento, Cal.	44,696	29,282
Saginaw, Mich.	50,510	42,345
Saint Joseph, Mo.	77,403	102,979
Saint Louis, Mo.	687,029	575,238
Saint Paul, Minn.	214,744	163,065
Salem, Mass.	43,697	35,956
Salt Lake City, Utah.	92,777	53,531
San Antonio, Tex.	96,614	53,321
San Francisco, Cal.	416,912	342,782
Savannah, Ga.	65,064	54,244
Schenectady, N. Y.	72,826	31,682
Scranton, Pa.	129,867	102,026
Seattle, Wash.	237,194	80,671
Sioux City, Ia.	47,828	33,111
Somerville, Mass.	77,236	61,643
South Bend, Ind.	53,684	35,999
Spokane, Wash.	104,402	36,848
Springfield, Ill.	51,678	34,159
Springfield, Mass.	88,926	62,059
Springfield, O.	46,921	38,253
Syracuse, N. Y.	137,249	108,374
Tacoma, Wash.	83,743	37,714
Terre Haute, Ind.	58,157	36,673
Toledo, O.	168,497	131,822
Topeka, Kan.	43,684	33,608
Trenton, N. J.	96,815	73,307
Troy, N. Y.	76,813	60,651
Utica, N. Y.	74,419	56,383
Washington, D. C.	331,069	278,718
Waterbury, Conn	73,141	45,859
Wichita, Kan.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Wilmington, Del.	87,411	76,508
Worcester, Mass.	145,986	118,421
Yonkers, N. Y.	79,803	47,931
York, Pa.	44,750	33,708
Youngstown, O.	79,066	44,885

ECLIPSES FOR THE YEAR.

In the year 1913 there will be five Eclipses, three of the Sun and two of the Moon.

I. A TOTAL ECLIPSE OF THE MOON, March 22. Visible more or less to North America, the western portions of South America, eastern and central Asia, Australia, and the Pacific Ocean. Occurring as follows:

Standard.....	Eastern.	Central.	Mount.	Pacific.
	h. m.	h. m.	h. m.	h. m.
Moon enters shadow	5 12 M.	4 12 M.	3 12 M.	2 12 M.
Total eclipse begins.	6 11 M.	5 11 M.	4 11 M.	3 11 M.
Middle of eclipse....		6 57 M.	4 57 M.	3 57 M.
Total eclipse ends..			5 44 M.	4 44 M.
Moon leaves shadow				5 42 M.

First contact of shadow, 52 degrees from the south point of the Moon's limb toward the east.
Magnitude of Eclipse, 1.575 (Moon's diameter, 1.0).

II. A PARTIAL ECLIPSE OF THE SUN, April 6. Visible to the northwestern portion of North America, the extreme eastern part of Siberia, and the Arctic Ocean. Occurring as a slight partial eclipse as follows:

Pacific Standard	Begins.	Ends.
	h. m.	h. m.
San Francisco, Cal.	8 33 M.	9 5 M.
Portland, Ore.	8 33 M.	9 40 M.
Victoria, B. C.	8 35 M.	9 52 M.
Virginia City, Nev.	8 50 M.	9 0 M.

III. A PARTIAL ECLIPSE OF THE SUN, August 31. Invisible. Visible to Greenland and the eastern portions of the Maritime Provinces of Canada.

IV. A TOTAL ECLIPSE OF THE MOON, September 15. Visible more or less to the greater part of North America, the western portions of South America, Asia, Australia, and the Pacific Ocean. Occurring as follows:

Standard	Eastern.	Central.	Mount.	Pacific.
	h. m.	h. m.	h. m.	h. m.
Moon enters shadow	5 52 M.	4 52 M.	3 52 M.	2 52 M.
Total eclipse begins.		6 1 M.	5 1 M.	4 1 M.
Middle of eclipse ...			5 48 M.	4 48 M.
Total eclipse ends...				5 35 M.

First contact of shadow, 49 degrees from the north point of the Moon's limb toward the east.
Magnitude of eclipse, 1.435 (Moon's diameter, 1.0).

V. A PARTIAL ECLIPSE OF THE SUN, September 30. Invisible. Visible to the southern end of Africa and the South Indian Ocean.

BUSINESS LAWS IN BRIEF.

It is a fraud to conceal a fraud.
A note given by a minor is void.
Ignorance of the law excuses no one.
A contract made with a lunatic is void.
A contract made with a minor is invalid.
The acts of one partner bind all the others.
An agreement without consideration is void.
The law compels no one to do impossibilities.
Contracts made on Sunday cannot be enforced.
Signatures made in lead pencil are good in law.
A receipt for money paid is not legally conclusive.
Principals are responsible for the acts of their agents.
It is not legally necessary to say on a note "for value received."
Each individual in a partnership is responsible for the whole amount of the debts of the firm.
Checks or drafts must be presented for payment without unreasonable delay.
If the time of payment of a note is not inserted, it is held payable on demand.
A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

WEIGHTS AND MEASURES

MEASURE OF LENGTH.

4	In.	= 1 Hand.	3	Feet	= 1 Yard.
7.92	In.	= 1 Link.	5½	Yds.	= 1 Rod or Pole
18	In.	= 1 Cubit.	40	Poles	= 1 Furlong
12	In.	= 1 Foot.	8	Fur.	= 1 Mile.
6	Ft.	= 1 Fathom.	69 1-6	Miles	= 1 Degree.

60 Geographical Miles = 1 Degree.

1760 Yards = 1 Mile.
5280 Feet = 1 Mile.

MEASURE OF SURFACE.

144	Square Inches	= 1	Square Foot.
9	Square Feet	= 1	Square Yard.
30¼	Square Yards	= 1	Sq. Rod, Perch or Pole
40	Square Rods	= 1	Square Rood.
4	Square Roods	= 1	Acre.
	Gunter's Chain	= 22	Yards or 100 Links.
10	Square Chains	= 1	Acre.
640	Acres	= 1	Square Mile.
272¼	Square Feet	= 1	Square Rod.
43,560	Square Feet	= 1	Acre.

MEASURE OF SOLIDITY.

1728	Cubic Inches	= 1 Cubic Foot.
27	Cubic Feet	= 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27 11/32	Grains	= 1 Drachm (dr.) or	27 11/32	Grains	
16	Drachms	= 1 Ounce (oz.) or	437½	"	
16	Ounces	= 1 Pound (lb.) or	7000	"	
28	Pounds	= 1 Quarter (qr.).			
4	Quarters	= 1 Hundred-Weight (cwt)			
20	Cwts.	= 1 Ton.			
2240	Pounds	= 1 Ton.			

TROY WEIGHT.

24	Grains	= 1 Pennyweight, or	24	Grains.
20	Pennywts	= 1 Ounce, or	480	"
12	Ounces	= 1 Pound, or	5760	"

APOTHECARIES' WEIGHT.

20 Grains	= 1 Scruple.	8 Drachms	= 1 Ounce.
3 Scruples	= 1 Drachm.	12 Ounces	= 1 Pound.

STATES AND TERRITORIES.	Days of Grace (Notes.)	Days of Grace (Sight Drafts.)	Interest Rates (Legal.)	Interest Rates (Special or Contract.)	PENALTY OF USURY.
Alabama	No	No	8	8 per ct.	Forft. of all int
Alaska	Yes	No	8	12 per ct.	
Arizona	No	No	6	No limit.	None
Arkansas	Yes	Yes	6	10 per ct.	Forft. principal & int.
California	No	No	7	No limit	None
Colorado	No	No	8	No limit.	None
Connecticut	No	No	6	No limit.	None
Delaware	No	No	6	6 per ct.	Forfeiture principal.
District of Col.	No	No	6	10 per ct.	Forft. of entire int.
Florida	No	No	8	10 per ct.	Forft. of entire int.
Georgia	No	No	7	8 per ct	Forft. of excess of int.
Hawaiian Isl'ds.	No	No	8	12 per ct.	
Idaho	No	No	7	12 per ct.	Fft. int. & 10 p.ct. prin.
Illinois	No	No	5	7 per ct.	Forft. of entire int.
Indiana	No	No	6	8 per ct.	Forft. int. over 6 p.ct.
Iowa	No	No	6	8 per ct.	Fft. int., costs, etc.
Kansas	No	No	6	10 per ct.	Fft twice exover 10 pct
Kentucky	No	No	6	6 per ct.	Forft. excess of int
Louisiana	No	No	5	8 per ct.	Forft. of interest
Maine	No	Yes	6	No limit.	None
Maryland	No	No	6	6 per ct.	Forft. entire interest.
Massachusetts	No	Yes	6	No limit.	None
Michigan	No	No	5	7 per ct	Fortt. of interest
Minnesota	No	Yes	6	10 per ct.	Fortt. of prin & int.
Mississippi	Yes	Yes	6	10 per ct.	Forft. of interest
Missouri	No	No	6	8 per ct.	Forfeiture 10 per cent
Montana	No	No	8	No limit.	None
Nebraska	No	No	7	10 per ct.	Forft. entire interest.
Nevada	Yes	No	7	No limit.	None
New Hampshire.	No	Yes	6	6 per ct.	Fft. treble exc of int
New Jersey	No	No	6	6 per ct.	Fortt. int. & costs
New Mexico	Yes	Yes	6	12 per ct.	Forft. dbl. amt. of int
New York	No	No	6	6 per ct.	Forft. of prin. & int.
North Carolina	No	No	6	6 per ct.	Fft. dbl. amt. of int.
North Dakota	No	No	7	12 per ct.	Forft. excess of int.
Ohio	No	No	6	8 per ct.	Forft. excess of int.
Oklahoma	Yes	Yes	6	10 per ct.	
Oregon	No	No	6	10 per ct.	Fft. prin. & int
Pennsylvania	No	No	6	6 per ct.	Fortt. excess of int.
Philippine Isl'ds	No	No	6	No limit.	
Porto Rico	No	No	6	12 per ct.	
Rhode Island	No	Yes	6	No limit.	None
South Carolina	No	Yes	7	8 per ct.	Forfeit of interest
South Dakota	Yes	Yes	7	12 per ct.	Forft. int., fine, imp't
Tennessee	No	No	6	6 per ct.	Forft. excess of int
Texas	Yes	Yes	6	10 per ct.	Forft. entire interest.
Utah	No	No	8	12 per ct.	None
Vermont	No	No	6	6 per ct.	Forft. of excess
Virginia	No	No	6	6 per ct.	Forft. entire interest.
Washington	No	No	6	12 per ct.	Dbl. amt. int. & costs
West Virginia	No	No	6	6 per ct.	Forfeit. of excess int.
Wisconsin	No	No	6	10 per ct.	Fft. treble amt. ex. int.
Wyoming	No	No	8	12 per ct.	Forft. entire interest.

HELP! In Case of Accidents.

Drowning. **1.** Loosen clothing, if any. **2.** Empty lungs of water by laying body on its stomach and lifting by the middle so that the head hangs down. Jerk the body a few times. **3.** Pull tongue forward, using handkerchief, or pin with string, if necessary. **4.** Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. **5.** Apply warmth and friction to extremities. **6.** By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. **7.** DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. **8.** When breathing begins get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above the wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current—not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible; if not, cover hands with dry woolen cloth and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

ANTIDOTES FOR POISONS.

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC. OXALIC. ACETIC. SULPHURIC (Oil of Vitriol). NITRIC (Aqua Fortis).	Soap-suds, Magnesia, Lime-water.
Prussic Acid.	Ammonia in water. Dash water in face.
Carbolic Acid.	Flour and water, mucilaginous drinks.
Alkalies. POTASH. LYE. HARTSHORN. AMMONIA.	Vinegar or Lemon juice in water.
Arsenic. Rat Poison. Paris Green.	Milk, raw Eggs, Sweet Oil, Lime-water, Flour and water.
Bug Poison. Lead. Saltpetre. Corrosive Sublimate. Sugar of Lead. Blue Vitriol.	Whites of Eggs, or Milk in large doses.
Chloroform. Chloral. Ether.	Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.
Carbonate of Soda. Copperas. Cobalt.	Soap-suds and mucilaginous drinks.
Iodine. Antimony. Tartar Emetic.	Starch and water. Astringent infusions. Strong tea.
Mercury AND ITS SALTS.	Whites of Eggs. Milk. Mucilages.
Nitrate of Silver. Lunar Caustic.	Salt and water.
Strychnine. Tinct. of Nux Vomica.	Mustard and water, Sulphate of Zinc. Absolute quiet. Plug the ears.

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
2	JOHN ADAMS.....	Oct. 31, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
3	THOMAS JEFFERSON...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.
4	JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1836	"
5	JAMES MONROE.....	April 28, 1758	" 4, 1817	8 "	July 4, 1831	"
6	JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.
9	WM. H. HARRISON ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.
10	JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	"
11	JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR.....	Sept. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
13	MILLARD FILLMORE ..	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	New York.
14	FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN....	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.
16	ABRAHAM LINCOLN...	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.
19	RUTHERF'D B. HAYES.	Oct. 4, 1822	" 5, 1877	4 "	Jan. 17, 1893	"
20	JAMES A. GARFIELD.	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	"
21	CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	4 years.....	June 24, 1908	New Jersey.
23	BENJAMIN HARRISON.	Aug. 20, 1833	" 4, 1889	4 "	Mar. 13, 1901	Ohio.
24	GROVER CLEVELAND..	Mar. 18, 1837	" 4, 1893	4 "	June 24, 1908	New Jersey.
25	WILLIAM MCKINLEY.	Jan. 29, 1843	" 4, 1897	4 yrs. 6⅓ mos.	Sept. 14, 1901	Ohio.
26	THEODORE ROOSEVELT	Oct. 27, 1858	Sept. 14, 1901	7 yrs. 5⅔ mos.	....	New York.
27	WM. HOWARD TAFT.	Sept. 15, 1857	Mar. 4, 1909	.....	....	Ohio.

IN this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.

75° Longitude.

	Minutes.
Bangor, Me.....	— 25
Augusta, Me.....	— 21
Portland, Me.....	— 19
Boston, Mass.....	— 16
Newport, R. I.	— 15
Providence, R. I....	— 14
Concord, N. H.....	— 14
New London, Conn. .	— 11
Springfield, Mass....	— 10
Montpelier, Vt.	— 10
Hartford, Conn.	— 9
Montreal, P. Q.....	— 6
Albany, N. Y.	— 5
New York, N. Y.....	— 4
Utica, N. Y.....	+ 1
Philadelphia, Pa.....	■
Syracuse, N. Y.....	+ 5
Baltimore, Md.	+ 6
Washington, D. C....	+ 8
Rochester, N. Y.....	+ 11
Buffalo, N. Y.....	+ 16
Pittsburg, Pa.	+ 20

Central Standard.

90° Longitude.

	Minutes.
Cleveland, Ohio.....	— 33
Columbus, Ohio.....	— 28
Detroit, Mich.....	— 28
Toledo, Ohio	— 26
Dayton, Ohio	— 23
Cincinnati, Ohio	— 22
Louisville, Ky.	— 18
Indianapolis, Ind....	— 16
Chicago, Ill.....	— 10
Milwaukee, Wis.....	— 8
Springfield, Ill.	— 2
Memphis, Tenn.....	0
New Orleans, La.....	0
St. Louis, Mo.....	+ 1
Rock Island, Ill.....	+ 3
Dubuque, Iowa.....	+ 3
Burlington, Iowa.....	- 5
St. Paul, Minn... ...	+ 12
Des Moines, Iowa....	+ 14
Kansas City, Mo.	+ 18
Galveston, Texas.....	+ 19
Omaha, Neb.....	+ 24

Mountain Standard.

105° Longitude.

Denver, Col.....	■
Salt Lake City, Utah.	+ 28

Pacific Standard.

120° Longitude.

Sacramento, Cal.....	+ 6
San Francisco, Cal...	+ 10

TIDE TABLE.

To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.

EASTERN STANDARD.		H. M.	Mean Range. Feet.
Eastport, Me	add	2 37	18.2
Bar Harbor, Me	"	2 31	10.5
Rockland, Me	"	2 44	9.7
Portland, Me	"	2 52	8.9
Portsmouth, N. H	"	3 6	9.2
Isle of Shoals, N. H	"	3 1	8.7
Newburyport, Mass	"	3 6	7.9
Rockport, Mass	"	2 39	8.6
Gloucester, Mass	"	2 45	8.9
Salem, Mass	"	3 0	9.0
Marblehead, Mass	"	2 52	9.2
Nahant, Mass	"	2 53	9.3
Hull, Mass	"	2 53	9.5
Plymouth, Mass	"	3 2	9.6
Provincetown, Mass	"	3 10	9.2
Nantucket, Mass	"	4 9	3.1
Vineyard Haven, Mass	"	3 25	1.7
Wood's Hole (North Side), Mass	sub.	0 18	4.1
Wood's Hole (South Side), Mass	add	0 19	1.7
New Bedford Entrance (Dumpling Rock), Mass	sub.	0 17	3.8
Newport, R. I	"	0 31	3.5
Bristol, R. I	"	0 13	4.1
Providence, R. I	"	0 2	4.4
Point Judith, R. I	"	0 42	3.1
New Shoreham, Block Island, R. I	"	0 41	3.0
Watch Hill, R. I	add	0 36	2.7

EASTERN STANDARD.		H. M.	Mean Range. Feet.
Stonington, Conn	add	0 57	2.7
New London, Conn	"	1 14	2.5
Norwich, Conn	"	1 55	3.1
New Haven, Conn	"	3 0	6.0
Bridgeport, Conn	"	3 2	7.2
Throg's Neck, N. Y	"	3 4	7.3
Montauk Point, L. I	"	0 7	2.0
Coney Island, L. I	sub.	0 29	4.7
West Point, N. Y	add	3 2	2.8
Long Branch, N. J	sub.	0 43	4.3
Ocean Grove, N. J	"	0 41	4.2
Cape May Landing, N. J	"	0 10	4.6
Newcastle, Del	add	3 40	6.4
League Island, Pa	"	5 26	5.4
Philadelphia, Pa	"	5 56	5.3
Annapolis, Md	sub.	3 12	0.9
Baltimore, Md	"	1 20	1.2
Old Point Comfort, Va	add	0 49	2.5
Richmond, Va	sub.	3 32	3.7
Hatteras Inlet, N. C	"	0 53	2.0
Beaufort, N. C	"	0 32	2.8
Charleston (C. H. Wharf), S. C	"	0 15	5.2
CENTRAL STANDARD.			
Fort Pulaski (Savannah Ent.), Ga	sub.	1 18	6.9
Savannah (Dry Dock Wharf), Ga	"	0 23	6.5
Jacksonville, Fla	add	0 19	1.0
St. Augustine, Fla	sub.	0 14	4.2
Key West, Fla	add	0 47	1.2
Tampa Bay (Egmont Key), Fla	"	3 3	1.4
Cedar Keys (Depot Key), Fla	"	4 39	2.4

VALUES OF FOREIGN COINS.

The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1912, expressed in any of such metallic currencies:

Country.	Standard.	Monetary Unit.	Value. D. C M.
Argentine Rep...	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown.....	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
Canada	Gold	Dollar	1 0 0
Costa Rica.....	Gold	Colon.....	0 46 5
Chili	Gold	Peso.....	0 36 5
China.....	Silver	Tael.. Shanghai..	0 59 9
		Tael.. Haikwan.. (Customs).	0 66 7
Colombia.....	Gold	Dollar.....	1 0 0
Denmark.....	Gold	Crown.....	0 26 8
Ecuador.....	Gold	Sucre.....	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland.....	Gold	Mark.....	0 19 3
France	Gold	Franc	0 19 3
German Empire.	Gold	Mark.....	0 23 8
Great Britain....	Gold	Pound sterling	4 86 6½
Greece.....	Gold	Drachma.....	0 19 3
Hayti.....	Gold	Gourde	0 96 5
India (British) ..	Gold	Rupee.....	0 32 4⅓
Italy	Gold	Lira.....	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar.....	1 0 0

VALUES OF FOREIGN COINS.

County.	Standard.	Monetary Unit.	Value.
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland ..	Gold	Dollar	1 1 4
Norway	Gold	Crown.....	0 26 8
Panama	Gold	Balboa.....	1 0 0
Persia	Gold	Kran	0 17 04
Peru	Gold	Libra.....	4 86 6½
Philippine Islds.	Gold	Peso.....	0 50 0
Portugal.....	Gold	Milreis	1 8 0
Russia.....	Gold	Ruble.....	0 51 5
Spain.....	Gold	Peseta.....	0 19 3
Sweden.....	Gold	Crown.....	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey.....	Gold	Piaster	0 4 1
Uruguay.....	Gold	Peso.....	1 3 4
Venezuela.....	Gold	Bolivar	0 19 3

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Jan. 19
Quinquagesima—Shrove Sunday . . .	Feb. 2
Ash Wednesday	Feb. 5
First Sunday in Lent	Feb. 9
Palm Sunday	Mar. 16
St. Patrick	Mar. 17
Good Friday	Mar. 21
Easter Sunday	Mar. 23
Low Sunday	Mar. 30
Rogation Sunday	April 27
Ascension Day—Holy Thursday . . .	May 1
Pentecost—Whit Sunday	May 11
Trinity Sunday	May 18
Corpus Christi	May 22
St. John Baptist'	June 24
Michaelmas Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Nov. 30
Christmas Day	Dec. 25

Multiply the principal by as many hundredths as there are days, and

For	4	per cent	Divide by		90
"	5	" "	"	"	72
"	6	" "	"	"	60
"	7	" "	"	"	52
"	8	" "	"	"	45
"	9	" "	"	"	40
"	10	" "	"	"	36
"	12	" "	"	"	30

EXAMPLE—INTEREST on $50 for 30 days at 4%. 50 x .30 = 15.00, which divided by 90 = 16⅔ cents—the required result.

THE SEASONS.

	Eastern Standard.	Central Standard.
Vernal Equinox	Mar. 21, 0h. M.	Mar. 20, 11h. A.
Summer Solstice	June 21, 8h. A.	June 21, 7h. A.
Autumnal Equinox	Sept. 23, 10h. M.	Sept. 23, 9h. M.
Winter Solstice	Dec. 22, 5h. M.	Dec. 22, 4h. M.
	Mountain Standard.	**Pacific Standard.**
Vernal Equinox	Mar. 20, 10h. A.	Mar. 20, 9h. A.
Summer Solstice	June 21, 6h. A.	June 21, 5h. A.
Autumnal Equinox	Sept. 23, 8h. M.	Sept. 23, 7h. M.
Winter Solstice	Dec. 22, 3h. M.	Dec. 22, 2h. M.

TO FIND LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

WEATHER BUREAU.

Explanation of Flag Signals.

No. 1.
White Flag.

Fair Weather.

No. 2.
Blue Flag.

Rain or Snow.

No. 3.
White and Blue Flag.

Local Rain or Snow.

No. 4.
Black Triangular Flag.

Temperature.

No. 5.
White Flag, Black Center.

Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.

No. 2, alone, indicates rain or snow, stationary temperature.

No. 3, alone, indicates local rain or snow, stationary temperature.

No. 1, with No. 4 above it, indicates fair weather, warmer.

No. 1, with No. 4 below it, indicates fair weather, colder.

No. 2, with No. 4 above it, indicates rain or snow, warmer.

No. 2, with No. 4 below it, indicates rain or snow, colder.

No. 3, with No. 4 above it, indicates local rain or snow, warmer.

No. 3, with No. 4 below it, indicates local rain or snow, colder.

No. 1, with No. 5 above it, indicates fair weather, cold wave.

No. 2, with No. 5 above it, indicates wet weather, cold wave.

Forecasts made at 10.00 A. M., and displayed between 12.00 and 1.00 P. M., forcasts the weather for the following day until 8.00 P.M

☞ In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in Standard Time.

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles long.
Mediterranean	2,000
Caribbean	1,800
Red	1,400
Black	932
Baltic	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic	4,000,000

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION,	CENTRAL DIVISION.
New Moon	7d. 5h. 28m. a.m.	7d. 4h. 28m. a.m.
First Quarter	15d. 11h. 2m. a.m.	15d. 10h. 2m. a.m.
Full Moon	22d. 10h. 40m. a.m.	22d. 9h. 40m. a.m.
Last Quarter	29d. 2h. 34m. a.m.	29d. 1h. 34m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r7 30	1 48	5 55	r7 24	1 45	2 53	r7 19	1 44
2	Th	s4 39	3 0	6 53	s4 44	2 56	3 50	s4 49	2 52
3	Fr	r7 30	4 10	7 51	r7 25	4 5	4 48	r7 19	3 59
4	Sa	s4 41	5 18	8 48	s4 46	5 12	5 45	s4 51	5 5
5	S	r7 30	6 22	9 42	r7 25	6 15	6 40	r7 19	6 7
6	Mo	s4 43	7 19	10 34	s4 48	7 12	7 30	s4 53	7 4
7	Tu	r7 30	sets	11 20	r7 25	sets	8 15	r7 19	sets
8	We	s4 45	5 48	.....	s4 50	5 54	9 0	s4 55	6 0
9	Th	r7 29	6 52	0 23	r7 24	6 56	9 42	r7 19	7 2
10	Fr	s4 47	7 56	1 4	s4 52	7 59	10 20	s4 57	8 3
11	Sa	r7 29	8 59	1 42	r7 24	9 1	10 55	r7 19	9 4
12	S	s4 49	10 1	2 19	s4 54	10 2	11 32	s4 59	10 3
13	Mo	r7 28	11 2	2 54	r7 23	11 1	.....	r7 18	11 2
14	Tu	s4 51	morn	3 33	s4 56	morn	0 31	s5 1	morn
15	We	r7 27	0 5	4 15	r7 23	0 3	1 14	r7 18	0 2
16	Th	s4 54	1 10	5 3	s4 58	1 7	2 1	s5 3	1 5
17	Fr	r7 26	2 20	5 57	r7 22	2 15	2 55	r7 17	2 11
18	Sa	s4 56	3 33	6 59	s5 1	3 27	3 56	s5 5	3 21
19	S	r7 25	4 47	8 5	r7 20	4 40	5 1	r7 16	4 33
20	Mo	s4 59	5 58	9 11	s5 3	5 51	6 9	s5 8	5 43
21	Tu	r7 24	6 59	10 16	r7 19	6 52	7 13	r7 15	6 45
22	We	s5 1	rises	11 13	s5 5	rises	8 7	s5 10	rises
23	Th	r7 22	6 25	.....	r7 18	6 29	9 3	r7 14	6 34
24	Fr	s5 4	7 47	0 30	s5 8	7 49	9 52	s5 12	7 53
25	Sa	r7 21	9 6	1 18	r7 17	9 7	10 36	r7 12	9 9
26	S	s5 6	10 23	2 4	s5 10	10 22	11 21	s5 14	10 22
27	Mo	r7 20	11 37	2 49	r7 15	11 34	.....	r7 11	11 33
28	Tu	s5 9	morn	3 35	s5 13	morn	0 34	s5 17	morn
29	We	r7 17	0 49	4 26	r7 13	0 45	1 25	r7 10	0 43
30	Th	s5 11	2 1	5 23	s5 15	1 56	2 21	s5 19	1 51
31	Fr	r7 15	3 11	6 25	r7 12	3 5	3 22	r7 8	2 58

	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	6d. 0h. 22m. a.m.	5d. 11h. 22m. p.m.
First Quarter	14d. 3h. 34m. a.m.	14d. 2h. 34m. a.m.
Full Moon	20d. 9h. 3m. p.m.	20d. 8h. 3m. p.m.
Last Quarter	27d. [illegible]	27d. 3h. 15m. p.m.

1913

D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
1	Sa	r7 14	4 17	7 29	r7 11	4 10	4 26	r7 7	4 2
2	S	5 15	5 13	8 30	5 19	5 9	5 27	5 22	5 1
3	Mo	r7 12	6 5	9 [illegible]	r7 9	5 58	6 24	r7 5	5 50
4	Tu	s5 18	6 4[illegible]	10 15	s5 21	6 3[illegible]	7 12	s5 25	6 31
5	We	r7 10	sets	11 0	r7 7	sets	7 54	r7 3	sets
6	Th	5 20	5 48	11 38	s5 24	5 52	8 34	s5 27	5 56
7	Fr	r7 8	6 51	.....	r7 5	6 5[illegible]	9 12	r7 1	6 57
8	Sa	s5 23	7 5[illegible]	0 31	s5 26	7 54	9 47	s5 29	7 56
9	S	r7 5	8 54	1 6	r7 2	8 [illegible]4	10 [illegible]9	r6 59	8 55
10	Mo	5 26	9 56	1 40	s5 28	9 55	10 52	s5 32	9 54
11	Tu	r7 3	10 59	2 16	r7 0	10 56	11 29	r6 57	10 55
12	We	5 29	morn	2 52	s5 31	morn	.....	s5 34	11 57
13	Th	r7 0	0 5	3 31	r6 57	0 1	0 32	r6 55	morn
14	Fr	s6 31	1 15	4 2[illegible]	s5 33	1 10	1 2[illegible]	s5 36	1 4
15	Sa	r6 57	2 2[illegible]	5 2[illegible]	r6 55	2 21	2 24	r6 52	2 14
16	S	s5 33	3 38	6 3[illegible]	s5 36	3 31	3 32	s5 38	3 23
17	Mo	r6 56	4 42	7 47	r6 52	4 35	4 4[illegible]	r6 50	4 27
18	Tu	s5 36	5 35	8 5[illegible]	s5 38	5 28	5 5[illegible]	s5 41	5 22
19	We	r6 52	6 18	9 1	r6 49	6 13	6 5[illegible]	r6 47	6 7
20	Th	s5 36	rises	10 5[illegible]	s5 41	rises	7 50	s5 43	rises
21	Fr	r6 49	6 37	11 44	r6 46	6 39	8 40	r6 44	6 41
22	Sa	s5 41	7 56	0 6	s5 43	7 56	9 26	s5 45	7 57
23	S	r6 4[illegible]	9 14	0 49	s5 44	9 1[illegible]	10 [illegible]	r6 42	9 12
24	Mo	s5 4[illegible]	10 31	1 3[illegible]	s5 45	10 28	10 50	s5 47	10 26
25	Tu	r6 4[illegible]	11 4[illegible]	2 18	r6 41	11 42	11 37	r6 39	11 38
26	We	s5 46	morn	3 5	s5 48	morn	0 2	s5 49	morn
27	Th	r6 40	1 1	3 5[illegible]	r6 38	0 55	0 56	r6 36	0 49
28	Fr	s5 48	2 10	4 5[illegible]	s5 50	2 3	1 58	s5 51	1 56
..	..	.....	.....	.....	.....	.....	.....	.....	.....
..	..	.....	.....	.....	.....	.....	.....	.....	.....
..	..	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	7d. 7h. 22m. p.m.	7d. 6h. 22m. p.m.
First Quarter	15d. 3h. 58m. p.m.	15d. 2h. 58m. p.m.
Full Moon	22d. 6h. 56m. a.m.	22d. 5h. 56m. a.m.
Last Quarter	29d. 7h. 58m. a.m.	29d. 6h. 58m. a.m.

1913

D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
1	Sa	r6 36	3 11	6 4	r6 35	3 3	3 1	r6 33	2 56
2	S	s5 51	4 3	7 8	s5 52	3 56	4 5	s5 53	3 48
3	Mo	r6 33	4 45	8 10	r6 32	4 39	5 6	r6 30	4 32
4	Tu	s5 53	5 18	9 3	s5 54	5 12	6 1	s5 56	5 7
5	We	r6 30	5 45	9 49	r6 29	5 40	6 47	r6 28	5 36
6	Th	s5 56	6 8	10 31	s5 57	6 5	7 27	s5 58	6 2
7	Fr	r6 27	sets	11 7	r6 26	sets	8 2	r6 25	sets
8	Sa	s5 58	6 46	11 40	s5 59	6 46	8 36	s6 0	6 47
9	S	r6 23	7 48	.....	r6 22	7 47	9 11	r6 22	7 47
10	Mo	s6 0	8 51	0 29	s6 1	8 49	9 45	s6 2	8 47
11	Tu	r6 20	9 57	1 5	r6 19	9 53	10 20	r6 19	9 51
12	We	s6 3	11 5	1 42	s6 3	11 0	10 56	s6 4	10 56
13	Th	r6 16	morn	2 22	r6 16	morn	11 40	r6 15	morn
14	Fr	s6 5	0 15	3 8	s6 5	0 9	0 6	s6 6	0 3
15	Sa	r6 13	1 24	4 3	r6 13	1 17	1 2	r6 12	1 9
16	S	s6 7	2 29	5 9	s6 8	2 21	2 7	s6 8	2 14
17	Mo	r6 9	3 26	6 22	r6 9	3 19	3 20	r6 9	3 11
18	Tu	s6 10	4 11	7 36	s6 10	4 5	4 32	s6 10	3 59
19	We	r6 6	4 46	8 43	r6 6	4 41	5 41	r6 6	4 37
20	Th	s6 12	5 16	9 41	s6 12	5 13	6 39	s6 12	5 11
21	Fr	r6 3	5 42	10 33	r6 3	5 40	7 29	r6 3	5 40
22	Sa	s6 14	rises	11 16	s6 14	rises	8 10	s6 14	rises
23	S	r5 59	8 5	11 59	r5 59	8 3	8 57	r6 0	8 1
24	Mo	s6 16	9 23	0 20	s6 16	9 19	9 40	s6 15	9 15
25	Tu	r5 56	10 40	1 4	r5 56	10 35	10 24	r5 57	10 29
26	We	s6 18	11 54	1 51	s6 18	11 48	11 10	s6 17	11 41
27	Th	r5 52	morn	2 41	r5 53	morn	.....	r5 53	morn
28	Fr	s6 21	1 1	3 35	s6 20	0 54	0 34	s6 19	0 46
29	Sa	r5 49	1 58	4 35	r5 49	1 50	1 34	r5 50	1 43
30	S	s6 23	2 44	5 39	s6 22	2 37	2 37	s6 21	2 30
31	Mo	r5 45	3 21	6 41	r5 46	3 15	3 38	r5 47	3 9

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	6d. 0h. 48m. p.m.	6d. 11h. 48m. a.m.
First Quarter	14d. 0h. 39m. a.m.	13d. 11h. 39m. p.m.
Full Moon	20d. 4h. 33m. p.m.	20d. 3h. 33m. p.m.
Last Quarter	28d. 1h. 9m. a.m.	28d. 0h. 9m. a.m.

1913

D. of M.	Days of Week	Latitude of Boston and Chicago. Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide Morn'g	Latitude of New York and Philadelphia. Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide, Morn'g	Lat. of Wash. Cin. & St. Louis Sun R. & S. h. m.	Moon R. & S. h. m.
1	Tu	r5 43	3 50	7 39	r5 44	3 45	4 35	r5 46	3 41
2	We	s6 26	4 14	8 29	s6 25	4 10	5 25	s6 24	4 8
3	Th	r5 40	4 34	9 13	r5 41	4 31	6 11	r5 43	4 30
4	Fr	s6 29	4 52	9 53	s6 27	4 51	6 51	s6 26	4 50
5	Sa	r5 36	5 10	10 30	r5 38	5 10	7 26	r5 39	5 11
6	S	s6 31	sets	11 5	s6 29	sets	7 59	s6 28	sets
7	Mo	r5 33	7 48	11 39	r5 35	7 45	8 35	r5 36	7 42
8	Tu	s6 33	8 57	.....	s6 32	8 52	9 14	s6 30	8 48
9	We	r5 30	10 6	0 34	r5 31	10 0	9 53	r5 33	9 54
10	Th	s6 35	11 15	1 17	s6 34	11 8	10 36	s6 32	11 1
11	Fr	r5 26	morn	2 4	r5 28	morn	11 24	r5 30	morn
12	Sa	s6 38	0 22	2 55	s6 36	0 14	.....	s6 34	0 7
13	S	r5 23	1 20	3 53	r5 25	1 13	0 52	r5 27	1 5
14	Mo	s6 40	2 7	5 1	s6 38	2 1	1 59	s6 36	1 54
15	Tu	r5 20	2 45	6 11	r5 22	2 40	3 9	r5 24	2 34
16	We	s6 42	3 17	7 18	s6 40	3 13	4 15	s6 38	3 9
17	Th	r5 17	3 43	8 20	r5 19	3 41	5 16	r5 21	3 39
18	Fr	s6 44	4 6	9 12	s6 42	4 5	6 10	s6 39	4 5
19	Sa	r5 14	4 29	10 2	r5 16	4 30	7 0	r5 19	4 32
20	S	s6 46	rises	10 48	s6 44	rises	7 43	s6 41	rises
21	Mo	r5 10	8 12	11 32	r5 13	8 7	8 27	r5 16	8 3
22	Tu	s6 49	9 31	.....	s6 46	9 25	9 16	s6 43	9 19
23	We	r5 7	10 42	0 41	r5 10	10 35	10 4	r5 13	10 28
24	Th	s6 51	11 45	1 31	s6 48	11 37	10 50	s6 45	11 30
25	Fr	r5 4	morn	2 21	r5 7	morn	11 44	r5 10	morn
26	Sa	s6 53	0 37	3 14	s6 50	0 30	0 12	s6 47	0 22
27	S	r5 1	1 18	4 10	r5 4	1 12	1 9	r5 8	1 5
28	Mo	s6 55	1 51	5 7	s6 52	1 46	2 5	s6 49	1 40
29	Tu	r4 59	2 17	6 2	r5 2	2 13	3 0	r5 5	2 9
30	We	s6 58	2 38	6 55	s6 54	2 35	3 52	s6 51	2 33
..	...	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	6d. 3h. 24m. a.m.	6d. 2h. 24m. a.m.
First Quarter . . .	13d. 6h. 45m. a.m.	13d. 5h. 45m. a.m.
Full Moon	20d. 2h. 18m. a.m.	20d. 1h. 18m. a.m.
Last Quarter . . .	27d. 7h. 4m. p.m.	27d. 6h. 4m. p.m.

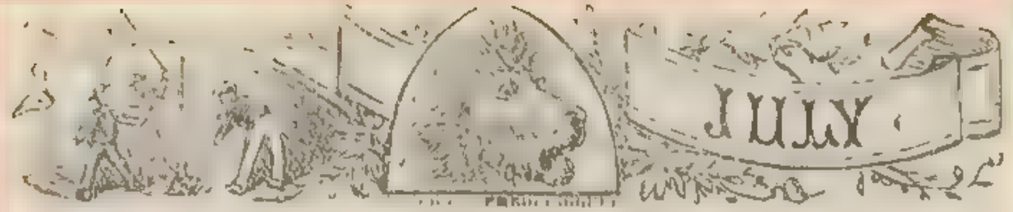
1913

D. of M.	Days of Week	Latitude of Boston and Chicago. Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Latitude of New York and Philadelphia. Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Lat. of Wash. Cin. & St. Louis Sun R. & S. h. m.	Moon R. & S. h. m.
1	Th	r4 56	2 57	7 43	r4 59	2 55	4 40	r5 3	2 55
2	Fr	s7 0	3 15	8 28	s6 56	3 14	5 25	s6 53	3 15
3	Sa	r4 53	3 33	9 10	r4 57	3 34	6 7	r5 0	3 35
4	S	s7 2	3 51	9 50	s6 58	3 53	6 48	s6 55	3 56
5	Mo	r4 50	4 12	10 30	r4 54	4 15	7 26	r4 58	4 20
6	Tu	s7 4	sets	11 10	s7 1	sets	8 5	s6 57	sets
7	We	r4 48	9 6	11 52	r4 52	9 0	8 48	r4 56	8 53
8	Th	s7 6	10 14	0 14	s7 3	10 7	9 37	s6 58	9 59
9	Fr	r4 46	11 15	1 3	r4 49	11 8	10 25	r4 54	11 0
10	Sa	s7 9	morn	1 55	s7 5	11 59	11 17	s7 0	11 52
11	S	r4 43	0 6	2 49	r4 47	morn	.....	r4 52	morn
12	Mo	s7 11	0 47	3 47	s7 7	0 41	0 46	s7 2	0 36
13	Tu	r4 41	1 19	4 49	r4 45	1 15	1 47	r4 50	1 11
14	We	s7 13	1 45	5 51	s7 9	1 42	2 49	s7 4	1 40
15	Th	r4 39	2 8	6 52	r4 43	2 7	3 49	r4 48	2 6
16	Fr	s7 15	2 31	7 49	s7 11	2 31	4 45	s7 6	2 32
17	Sa	r4 37	2 54	8 42	r4 41	2 56	5 40	r4 46	2 58
18	S	s7 17	3 18	9 34	s7 12	3 21	6 32	s7 8	3 25
19	Mo	r4 35	3 45	10 23	r4 40	3 50	7 20	r4 44	3 55
20	Tu	s7 19	rises	11 12	s7 14	rises	8 5	s7 9	rises
21	We	r4 33	9 30	11 59	r4 38	9 23	8 57	r4 43	9 15
22	Th	s7 21	10 27	0 24	s7 16	10 20	9 47	s7 11	10 12
23	Fr	r4 32	11 13	1 14	r4 36	11 6	10 33	r4 41	10 59
24	Sa	s7 23	11 49	2 3	s7 18	11 43	11 21	s7 13	11 37
25	S	r4 30	morn	2 51	r4 35	morn	.....	r4 40	morn
26	Mo	s7 25	0 18	3 37	s7 19	0 13	0 36	s7 14	0 9
27	Tu	r4 28	0 41	4 25	r4 34	0 38	1 23	r4 39	0 35
28	We	s7 26	1 1	5 13	s7 21	0 59	2 11	s7 16	0 58
29	Th	r4 27	1 20	6 2	r4 32	1 19	3 0	r4 38	1 19
30	Fr	s7 28	1 37	6 48	s7 23	1 37	3 46	s7 17	1 39
31	Sa	r4 26	1 55	7 36	r4 31	1 57	4 33	r4 37	1 59

JUNE

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	4d. 2h. 57m. p.m.	4d. 1h. 57m. p.m.
First Quarter	11d. 11h. 37m. a.m.	11d. 10h. 37m. a.m.
Full Moon	18d. 0h. 54m. p.m.	18d. 11h. 54m. a.m.
Last Quarter	26d. 0h. 41m. p.m.	26d. 11h. 41m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	S	r4 26	2 15	8 23	r4 31	2 18	5 20	r4 36	2 22
2	Mo	s7 30	2 38	9 11	s7 25	2 42	6 8	s7 19	2 47
3	Tu	r4 25	3 6	9 59	r4 30	3 11	6 57	r4 36	3 18
4	We	s7 32	sets	10 48	s7 26	sets	7 44	s7 21	sets
5	Th	r4 24	9 7	11 37	r4 29	9 0	8 33	r4 35	8 52
6	Fr	s7 33	10 2	0 2	s7 28	9 55	9 27	s7 22	9 48
7	Sa	r4 23	10 46	0 55	r4 29	10 40	10 18	r4 34	10 34
8	S	s7 34	11 22	1 48	s7 29	11 17	11 9	s7 23	11 13
9	Mo	r4 23	11 50	2 40	r4 28	11 47	.....	r4 34	11 45
10	Tu	s7 36	morn	3 32	s7 30	morn	0 30	s7 24	morn
11	We	r4 22	0 14	4 25	r4 28	0 12	1 24	r4 34	0 12
12	Th	s7 37	0 36	5 21	s7 31	0 36	2 19	s7 25	0 37
13	Fr	r4 22	0 57	6 19	r4 28	0 58	3 17	r4 34	1 0
14	Sa	s7 38	1 20	7 17	s7 32	1 23	4 14	s7 26	1 26
15	S	r4 22	1 46	8 14	r4 28	1 50	5 11	r4 34	1 55
16	Mo	s7 38	2 17	9 9	s7 33	2 22	6 7	s7 27	2 29
17	Tu	r4 22	2 55	10 4	r4 28	3 1	7 2	r4 34	3 9
18	We	s7 39	rises	10 57	s7 33	rises	7 51	s7 27	rises
19	Th	r4 23	9 6	11 45	r4 28	8 59	8 41	r4 34	8 52
20	Fr	s7 40	9 46	0 9	s7 34	9 40	9 30	s7 28	9 34
21	Sa	r4 23	10 17	0 55	r4 29	10 12	10 14	r4 34	10 7
22	S	s7 40	10 43	1 39	s7 34	10 39	10 54	s7 29	10 35
23	Mo	r4 23	11 5	2 20	r4 29	11 2	11 36	r4 35	11 1
24	Tu	s7 40	11 24	2 59	s7 35	11 23	.....	s7 29	11 22
25	We	r4 24	11 42	3 39	r4 30	11 42	0 38	r4 35	11 43
26	Th	s7 40	11 59	4 21	s7 35	morn	1 20	s7 29	morn
27	Fr	r4 25	morn	5 6	r4 30	0 0	2 4	r4 36	0 2
28	Sa	s7 40	0 17	5 54	s7 35	0 19	2 52	s7 29	0 23
29	S	r4 25	0 38	6 47	r4 31	0 42	3 44	r4 37	0 46
30	Mo	s7 40	1 4	7 41	s7 35	1 9	4 38	s7 29	1 15
..	...	.....	.....	.....	.....	... .	.....	.....	.....



JULY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	1d. 0h. 6m. a.m.	3d. 11h. 6m. p.m.
First Quarter	10d. 4h. 37m. p.m.	10d. 3h. 37m. p.m.
Full Moon	18d. 11h. 6m. a.m.	18d. 0h. 6m. a.m.
Last Quarter	25d. 4h. 52m. a.m.	25d. 3h. 52m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Tu	r4 26	1 37	8 38	r4 32	1 43	5 35	r4 38	1 50
2	We	s7 40	2 19	9 36	s7 35	2 26	6 34	s7 29	2 34
3	Th	r4 27	3 14	10 33	r4 33	3 21	7 29	r4 39	3 30
4	Fr	s7 40	sets	11 27	s7 34	sets	8 23	s7 29	sets
5	Sa	r4 29	9 20	.....	r4 34	9 15	9 17	r4 40	9 10
6	S	s7 39	9 51	0 45	s7 34	9 47	10 7	s7 28	9 45
7	Mo	r4 29	10 17	1 34	r4 35	10 15	10 53	r4 41	10 14
8	Tu	s7 38	10 40	2 22	s7 33	10 39	11 41	s7 28	10 40
9	We	r4 31	11 2	3 8	r4 37	11 3	0 6	r4 42	11 5
10	Th	s7 38	11 24	3 57	s7 32	11 26	0 56	s7 27	11 30
11	Fr	r4 33	11 49	4 49	r4 38	11 53	1 47	r4 43	11 57
12	Sa	s7 37	morn	5 47	s7 32	morn	2 45	s7 26	morn
13	S	r4 34	0 18	6 50	r4 39	0 23	3 47	r4 45	0 29
14	Mo	s7 36	0 53	7 52	s7 31	0 59	4 49	s7 25	1 6
15	Tu	r4 36	1 36	8 54	r4 41	1 43	5 51	r4 46	1 52
16	We	s7 34	2 28	9 51	s7 29	2 35	6 49	s7 24	2 44
17	Th	r4 38	3 29	10 44	r4 42	3 36	7 39	r4 48	3 44
18	Fr	s7 33	rises	11 28	s7 28	rises	8 23	s7 23	rises
19	Sa	r4 39	8 46	.....	r4 44	8 42	9 8	r4 49	8 37
20	S	s7 32	9 8	0 30	s7 27	9 5	9 47	s7 22	9 3
21	Mo	r4 41	9 28	1 8	r4 46	9 26	10 23	r4 51	9 25
22	Tu	s7 33	9 45	1 45	s7 25	9 45	10 56	s7 20	9 46
23	We	r4 43	10 3	2 19	r4 47	10 4	11 33	r4 53	10 5
24	Th	s7 28	10 21	2 55	s7 24	10 23	.....	s7 19	10 26
25	Fr	r4 45	10 40	3 34	r4 49	10 43	0 32	r4 54	10 47
26	Sa	s7 26	11 3	4 17	s7 22	11 7	1 16	s7 17	11 13
27	S	r4 47	11 32	5 7	r4 51	11 37	2 6	r4 56	11 44
28	Mo	s7 24	morn	6 4	s7 20	morn	3 1	s7 15	morn
29	Tu	r4 49	0 9	7 8	r4 53	0 15	4 5	r4 57	0 23
30	We	s7 22	0 57	8 16	s7 18	1 4	5 12	s7 13	1 13
31	Th	r4 51	1 59	9 20	r4 55	2 6	6 18	r4 59	2 15

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
New Moon	2d. 7h. 58m. a.m.	2d. 6h. 58m. a.m.
First Quarter	8d. 11h. 3m. p.m.	8d. 10h. 3m. p.m.
Full Moon	16d. 6h. 27m. p.m.	16d. 5h. 27m. p.m.
Last Quarter	24d. 7h. 18m. p.m.	24d. 6h. 18m. p.m.
New Moon	31d. 3h. 8m. p.m.	31d. 2h. 8m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Fr	r4 52	3 13	10 21	r4 56	3 19	7 17	r5 0	3 27
2	Sa	s7 19	sets	11 15	s7 15	sets	8 10	s7 11	sets
3	S	r4 54	8 18	.....	r4 58	8 15	9 1	r5 2	8 13
4	Mo	s7 16	8 43	0 27	s7 13	8 42	9 47	s7 8	8 42
5	Tu	r4 56	9 6	1 12	r5 0	9 6	10 30	r5 4	9 8
6	We	s7 14	9 28	1 57	s7 10	9 30	11 14	s7 6	9 33
7	Th	r4 58	9 52	2 41	r5 2	9 55	.....	r5 5	10 0
8	Fr	s7 11	10 19	3 28	s7 8	10 24	0 26	s7 4	10 29
9	Sa	r5 0	10 53	4 22	r5 3	10 59	1 21	r5 7	11 6
10	S	s7 9	11 34	5 25	s7 5	11 41	2 23	s7 2	11 49
11	Mo	r5 2	morn	6 31	r5 5	morn	3 29	r5 9	morn
12	Tu	s7 6	0 23	7 38	s7 3	0 30	4 35	s6 59	0 39
13	We	r5 4	1 20	8 41	r5 7	1 27	5 39	r5 11	1 36
14	Th	s7 3	2 24	9 36	s7 0	2 30	6 34	s6 56	2 38
15	Fr	r5 6	3 31	10 24	r5 9	3 36	7 21	r5 13	3 43
16	Sa	s7 0	rises	11 6	s6 57	rises	7 59	s6 54	rises
17	S	r5 8	7 33	11 41	r5 11	7 31	8 38	r5 15	7 29
18	Mo	s6 57	7 50	.....	s6 54	7 49	9 14	s6 51	7 49
19	Tu	r5 11	8 8	0 33	r5 13	8 8	9 47	r5 16	8 9
20	We	s6 54	8 26	1 6	s6 51	8 27	10 20	s6 49	8 30
21	Th	r5 13	8 45	1 40	r5 15	8 48	10 52	r5 18	8 51
22	Fr	s6 51	9 6	2 16	s6 48	9 10	11 30	s6 46	9 15
23	Sa	r5 15	9 31	2 55	r5 17	9 36	.....	r5 20	9 42
24	S	s6 48	10 4	3 39	s6 45	10 10	0 38	s6 43	10 18
25	Mo	r5 17	10 47	4 32	r5 19	10 54	1 31	r5 22	11 3
26	Tu	s6 45	11 41	5 36	s6 42	11 49	2 34	s6 40	11 57
27	We	r5 19	morn	6 46	r5 21	morn	3 44	r5 24	morn
28	Th	s6 41	0 47	7 59	s6 39	0 54	4 56	s6 38	1 2
29	Fr	r5 21	2 4	9 5	r5 28	2 10	6 2	r5 26	2 17
30	Sa	s6 38	3 27	10 4	s6 36	3 31	7 1	s6 34	3 37
31	S	r5 23	sets	10 55	r5 25	sets	7 50	r5 27	sets

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter . . .	7d. 8h. 6m. a.m.	7d. 7h. 6m. a.m.
Full Moon	15d. 7h. 46m. a.m.	15d. 6h. 46m. a.m.
Last Quarter . . .	23d. 7h. 30m. a.m.	23d. 6h. 30m. a.m.
New Moon . . .	29d. 11h. 57m. p.m.	29d. 10h. 57m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r5 24	7 6	11 40	r5 26	7 6	8 36	r5 28	7 6
2	Tu	s6 33	7 30	0 1	s6 31	7 31	9 21	s6 29	7 33
3	We	r5 26	7 54	0 45	r5 28	7 57	10 4	r5 30	8 0
4	Th	s6 30	8 21	1 29	s6 28	8 25	10 47	s6 26	8 30
5	Fr	r5 29	8 53	2 16	r5 30	8 59	11 36	r5 32	9 5
6	Sa	s6 26	9 32	3 5	s6 25	9 39	0 3	s6 23	9 46
7	S	r5 31	10 19	4 2	r5 32	10 26	1 1	r5 34	10 35
8	Mo	s6 23	11 14	5 7	s6 22	11 21	2 5	s6 20	11 30
9	Tu	r5 33	morn	6 15	r5 34	morn	3 13	r5 35	morn
10	We	s6 19	0 16	7 21	s6 18	0 23	4 18	s6 17	0 31
11	Th	r5 35	1 22	8 20	r5 36	1 28	5 16	r5 37	1 35
12	Fr	s6 16	2 28	9 10	s6 15	2 33	6 8	s6 14	2 38
13	Sa	r5 37	3 33	9 54	r5 38	3 36	6 52	r5 39	3 41
14	S	s6 12	4 36	10 35	s6 12	4 38	7 30	s6 11	4 41
15	Mo	r5 39	rises	11 8	r5 40	rises	8 2	r5 41	rises
16	Tu	s6 9	6 32	11 41	s6 8	6 33	8 37	s6 8	6 35
17	We	r5 41	6 50	.....	r5 42	6 52	9 12	r5 42	6 56
18	Th	s6 5	7 10	0 30	s6 5	7 13	9 46	s6 4	7 18
19	Fr	r5 43	7 34	1 6	r5 44	7 39	10 20	r5 44	7 45
20	Sa	s6 2	8 4	1 44	s6 1	8 10	10 59	s6 1	8 17
21	S	r5 46	8 41	2 27	r5 46	8 48	11 46	r5 46	8 56
22	Mo	s5 58	9 29	3 14	s5 58	9 37	0 13	s5 58	9 45
23	Tu	r5 48	10 29	4 12	r5 48	10 36	1 11	r5 48	10 45
24	We	s5 55	11 40	5 19	s5 55	11 46	2 17	s5 55	11 54
25	Th	r5 50	morn	6 30	r5 50	morn	3 28	r5 50	morn
26	Fr	s5 51	0 58	7 40	s5 51	1 3	4 36	s5 51	1 10
27	Sa	r5 52	2 19	8 43	r5 52	2 23	5 40	r5 52	2 27
28	S	s5 48	3 40	9 37	s5 48	3 42	6 36	s5 48	3 45
29	Mo	r5 54	5 1	10 27	r5 54	5 1	7 24	r5 53	5 3
30	Tu	s5 44	sets	11 13	s5 45	sets	8 7	s5 45	sets
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	1d. 8h. 6m. p.m.	1d. 7h. 6m. p.m.
Full Moon	15d. 1h. 7m. a.m.	15d. 0h. 7m. a.m.
Last Quarter	22d. 5h. 53m. p.m.	22d. 4h. 53m. p.m.
New Moon	29d. 9h. 29m. a.m.	29d. 8h. 29m. a.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Best. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	We	r5 56	6 18	11 56	r5 56	6 21	8 53	r5 55	6 26
2	Th	s5 41	6 49	0 18	s5 41	6 54	9 41	s5 42	7 0
3	Fr	r5 59	7 26	1 6	r5 58	7 32	10 27	r5 57	7 40
4	Sa	s5 37	8 11	1 56	s5 38	8 18	11 17	s5 39	8 27
5	S	r6 1	9 6	2 49	r6 0	9 14	.....	r5 59	9 22
6	Mo	s5 34	10 8	3 46	s5 35	10 15	0 45	s5 36	10 23
7	Tu	r6 3	11 14	4 49	r6 2	11 20	1 47	r6 1	11 27
8	We	s5 31	morn	5 52	s5 32	morn	2 50	s5 33	morn
9	Th	r6 5	0 20	6 52	r6 4	0 25	3 49	r6 3	0 31
10	Fr	s5 27	1 25	7 45	s5 28	1 29	4 42	s5 30	1 34
11	Sa	r6 8	2 28	8 34	r6 6	2 31	5 31	r6 5	2 34
12	S	s5 24	3 30	9 15	s5 25	3 31	6 13	s5 27	3 34
13	Mo	r6 10	4 31	9 54	r6 8	4 31	6 52	r6 7	4 32
14	Tu	s5 21	5 33	10 31	s5 22	5 32	7 27	s5 24	5 31
15	We	r6 13	rises	11 6	r6 11	rises	7 59	r6 9	rises
16	Th	s5 17	5 39	11 41	s5 19	5 43	8 37	s5 21	5 49
17	Fr	r6 15	6 7	.....	r6 13	6 12	9 17	r6 11	6 19
18	Sa	s5 14	6 42	0 38	s5 16	6 48	9 57	s5 18	6 56
19	S	r6 17	7 26	1 22	r6 15	7 33	10 41	r6 13	7 42
20	Mo	s5 11	8 21	2 11	s5 13	8 28	11 31	s5 15	8 37
21	Tu	r6 19	9 27	3 3	r6 17	9 34	.....	r6 15	9 42
22	We	s5 8	10 40	4 0	s5 10	10 46	0 59	s5 12	10 53
23	Th	r6 22	11 57	5 5	r6 19	morn	2 4	r6 17	morn
24	Fr	s5 5	morn	6 10	s5 8	0 1	3 8	s5 10	0 7
25	Sa	r6 24	1 15	7 13	r6 22	1 18	4 10	r6 19	1 22
26	S	s5 2	2 33	8 13	s5 5	2 34	5 10	s5 7	2 37
27	Mo	r6 26	3 51	9 [illegible]	r6 24	3 51	6 4	r6 21	3 51
28	Tu	s5 0	5 10	9 57	s5 2	5 [illegible]	6 55	s5 5	5 7
29	We	r6 29	sets	10 4[illegible]	r6 26	sets	7 41	r6 24	sets
30	Th	s4 57	5 18	11 32	s5 0	5 [illegible]	8 28	s5 [illegible]	5 [illegible]
31	Fr	r6 32	6 0	.....	r6 29	6 7	9 20	r6 25	6 [illegible]

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	5d. 1h. 34m. p.m.	5d. 0h. 34m. p.m.
Full Moon	13d. 6h. 11m. p.m.	13d. 5h. 11m. p.m.
Last Quarter	21d. 2h. 56m. a.m.	21d. 1h. 56m. a.m.
New Moon	27d. 8h. 41m. p.m.	27d. 7h. 41m. p.m.

1913		Latitude of Boston and Chicago.			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week.	Sun R. & S. h. m.	Moon R. & S. h. m.	Best. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Sa	r6 33	6 52	0 48	r6 30	6 59	10 10	r6 27	7 8
2	S	s4 52	7 52	1 40	s4 56	7 59	11 2	s4 59	8 8
3	Mo	r6 35	8 58	2 34	r6 32	9 4	11 57	r6 29	9 12
4	Tu	s4 50	10 6	3 27	s4 54	10 11	0 25	s4 57	10 18
5	We	r6 38	11 13	4 22	r6 35	11 17	1 21	r6 31	11 22
6	Th	s4 48	morn	5 16	s4 51	morn	2 14	s4 55	morn
7	Fr	r6 40	0 18	6 9	r6 37	0 21	3 7	r6 34	0 25
8	Sa	s4 46	1 20	6 59	s4 49	1 22	3 56	s4 53	1 24
9	S	r6 43	2 21	7 45	r6 39	2 21	4 42	r6 36	2 23
10	Mo	s4 44	3 22	8 30	s4 47	3 21	5 27	s4 51	3 21
11	Tu	r6 45	4 24	9 10	r6 42	4 22	6 8	r6 38	4 21
12	We	s4 41	5 28	9 51	s4 45	5 25	6 49	s4 49	5 22
13	Th	r6 48	6 34	10 34	r6 44	6 29	7 29	r6 40	6 25
14	Fr	s4 40	rises	11 15	s4 43	rises	8 9	s4 47	rises
15	Sa	r6 51	5 25	11 58	r6 46	5 32	8 56	r6 42	5 40
16	S	s4 38	6 16	0 21	s4 42	6 23	9 43	s4 46	6 32
17	Mo	r6 53	7 19	1 9	r6 49	7 26	10 30	r6 45	7 34
18	Tu	s4 36	8 30	2 0	s4 40	8 36	11 21	s4 45	8 43
19	We	r6 55	9 45	2 53	r6 51	9 50	.....	r6 47	9 56
20	Th	s4 35	11 1	3 46	s4 39	11 4	0 45	s4 43	11 9
21	Fr	r6 58	morn	4 43	r6 54	morn	1 42	r6 49	morn
22	Sa	s4 33	0 17	5 42	s4 38	0 19	2 40	s4 42	0 22
23	S	r7 0	1 32	6 41	r6 56	1 32	3 38	r6 51	1 34
24	Mo	s4 32	2 48	7 39	s4 37	2 47	4 36	s4 41	2 46
25	Tu	r7 3	4 6	8 35	r6 58	4 3	5 32	r6 54	4 1
26	We	s4 31	5 25	9 29	s4 36	5 21	6 27	s4 40	5 16
27	Th	r7 5	6 45	10 23	r7 0	6 39	7 20	r6 55	6 33
28	Fr	s4 30	sets	11 16	s4 35	sets	8 11	s4 39	sets
29	Sa	r7 7	5 35	.....	r7 2	5 42	9 5	r6 57	5 51
30	S	s4 29	6 39	0 33	s4 34	6 46	9 56	s4 39	6 54
..	...	.....	.....	.....	.....	.....	.....	.....	.....

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
First Quarter	1d. 9h. 39m. a.m.	1d. 8h. 39m. a.m.
Full Moon	8d. 1h. 0m. a.m.	8d. 9h. 0m. a.m.
Last Quarter	15d. 11h. 16m. a.m.	15d. 10h. 16m. a.m.
New Moon	23d. 9h. 39m. a.m.	23d. 8h. 39m. a.m.

1913		Latitude of Boston and Chicago			Latitude of New York and Philadelphia.			Lat. of Wash. Cin. & St. Louis	
D. of M.	Day of Week	Sun R. & S. h. m.	Moon R. & S. h. m.	Bost. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.	N. Y. Tide. Morn'g	Sun R. & S. h. m.	Moon R. & S. h. m.
1	Mo	r7 9	7 49	1 24	r7 4	7 55	10 44	r6 59	8 2
2	Tu	s4 28	8 59	2 13	s4 34	9 4	11 31	s4 39	9 9
3	We	r7 11	10 5	2 59	r7 6	10 8	.....	r7 1	10 13
4	Th	s4 28	11 8	3 44	s4 33	11 10	0 43	s4 38	11 13
5	Fr	r7 13	morn	4 30	r7 8	morn	1 29	r7 3	morn
6	Sa	s4 28	0 10	5 16	s4 33	0 11	2 14	s4 38	0 13
7	S	r7 15	1 11	6 3	r7 10	1 11	3 1	r7 5	1 11
8	Mo	s4 28	2 12	6 51	s4 33	2 10	3 48	s4 38	2 10
9	Tu	r7 17	3 15	7 38	r7 12	3 12	4 35	r7 7	3 10
10	We	s4 28	4 20	8 28	s4 33	4 16	5 24	s4 38	4 12
11	Th	r7 19	5 27	9 16	r7 14	5 22	6 14	r7 8	5 16
12	Fr	s4 28	6 37	10 6	s4 33	6 31	7 4	s4 39	6 24
13	Sa	r7 21	rises	10 56	r7 16	rises	7 50	r7 10	rises
14	S	s4 28	5 10	11 45	s4 34	5 17	8 41	s4 39	5 26
15	Mo	r7 22	6 21	0 9	r7 17	6 27	9 33	r7 11	6 35
16	Tu	s4 29	7 36	0 59	s4 34	7 41	10 21	s4 40	7 47
17	We	r7 23	8 52	1 50	r7 18	8 56	11 8	r7 13	9 0
18	Th	s4 29	10 7	2 38	s4 35	10 10	11 59	s4 40	10 12
19	Fr	r7 25	11 22	3 26	r7 20	11 23	0 24	r7 14	11 24
20	Sa	s4 30	morn	4 16	s4 36	morn	1 15	s4 41	morn
21	S	r7 26	0 37	5 10	r7 21	0 36	2 9	r7 15	0 36
22	Mo	s4 31	1 52	6 8	s4 37	1 50	3 6	s4 42	1 48
23	Tu	r7 27	3 7	7 9	r7 22	3 4	4 5	r7 16	2 59
24	We	s4 32	4 24	8 10	s4 38	4 19	5 7	s4 43	4 13
25	Th	r7 28	5 41	9 10	r7 22	5 35	6 8	r7 17	5 28
26	Fr	s4 34	6 53	10 9	s4 39	6 46	7 6	s4 44	6 38
27	Sa	r7 29	sets	11 3	r7 23	sets	7 58	r7 18	sets
28	S	s4 35	5 29	11 52	s4 40	5 35	8 48	s4 46	5 43
29	Mo	r7 29	6 39	0 16	r7 24	6 44	9 37	r7 18	6 50
30	Tu	s4 36	7 48	1 1	s4 42	7 52	10 19	s4 47	7 57
31	We	r7 30	8 54	1 44	r7 24	8 57	10 58	r7 19	9 0

Cambridge,

Ther 42°. WED. JAN. 1, 1913 Wea Fine

Clear, calm, mild. No snow. City lawns decidedly green.

In the Garden saw a Chickadee, a Junco, (3) Tree Sparrows. Heard a Flicker.

I had intended to go in town this morning but was prevented by a bile cold. Decided it I got out to Museum in afternoon and work ahead. Beg of Red Phalarope story for the Mudpuppy book. Spent most of afternoon on the Couch in my Chamber. C. & E. went to Boston & called on a lot of people there. Hey read aloud to me this evening

Cambridge.

Ther THURS. JAN. 2, 1913 Wea
7 in

Clear, calm, cold. Hoar frost in early morning.

In the Garden saw a Chickadee & Tree Sparrows, 3 Juncos & a Downy & heard a Jay. The Juncos & Tree Sparrows were attracted by some [illegible] out for them. One of the Juncos looked like, and I believe was, a [illegible].

It [illegible] the [illegible] of [illegible] [illegible] the [illegible] with a black [illegible] and a back [illegible] of [illegible] a Hoary Sparrow feeding near it, and a bit of rusty on the sides. All this I had from the Museum window when the bird came on the ground in close sunlight about 15 ft away.

Spent day in Museum working on Neolithic Pharaonic Stone. Worked at H. C. by [illegible] in forenoon.

Cambridge.

Ther FRI. JAN. 3, 1913 Wea
60° Stormy.

Uncomfortably warm with lowering sky and heavy rain at intervals. Cooler after dark with a full gale blowing out of the Nor'west. Began bad time.

In Garden heard a Chickadee a Chickadee and saw a White-throated Sparrow - a handsome one in nearly full plumage, eating seed under my Museum window. Where can he have come from?

Spent entire day in Museum, taking lunch there, C. & E. having gone in town. A heavy morning mail forced me to write letters through forenoon but after lunch I began Wilson Pharaonic stone & finished work at 2.45 by 6.30 P.M. Na sat in hall after dinner C. reading aloud

Mail from Cairo this morning

Cambridge

Ther 40° SAT. JAN. 4, 1913 Wea Wild

A wild day with a living gale blowing out of the West, the sky obscured by driving cloud masses. It seemed to blow harder than during last night when the velocity of the wind reached forty miles, the papers say. Our lawn is strewn with branches from the old lindens but no very large ones, fortunately.

In Garden saw 2 Chickadees at least & a Flicker in the jungle. Heard a Downy & the chirp of a Sparrow which I think was the White-throated.

Spent day in Museum. Began Woodcraft Story. It dragged & I wrote less than 2 pp. Gilbert's typewriter copied the 2 pp. Nelson's Photographs for me & did it very well.

C. & E. raced about in back this morning.

Cambridge.

Ther Snow drops bloom. SUN. JAN. 5, 1913 Wea Fine

Clear & mild with fresh N. wind. E. R. S. tells me that she saw at least a dozen snow drops in full bloom yesterday in front of Robert Morrison's house, Farrar St., Cambridge where they formed a long double line.

In our Garden I saw 3 Downy Woodpeckers (♂♀♀) together at 10 a.m. They were mostly on stalks of last herbaceous plants but also in pear trees. Also saw a Chickadee & House Sparrows. Three Gray Squirrels chasing in lindens.

Spent day in Museum working Letters - one of S & H. to Sargent about poplars. Sent immediately regarding arrival here &c. C. went down to church. My cold better but still important. Thunderstorm. Finished letter to Sargent with ms. C. & E. raced about in back this morning

Cambridge.

Ther MON. JAN. 6, 1913 Wea

58° Ladies delights in bloom. Fair

Partly sunny, calm, very warm. Percy reports "ladies' delights" in full bloom in our garden to-day. The house is comfortably overheated despite open doors & windows.

No native birds noted in Garden.

Spent day in Museum working on Woodcock & making poor progress, working only a single page.

C. worked through forenoon & caught two rats, doing 8 ft 9 M.S.

Her reading Class met in P.M.

I came in at 5 to see them all. Talked mostly with Miss Horsford & Miss Swaney.

Nuttall Club meeting this eve. 13 present. I read Grant. Blue Hill story from Chubbuck M.S. It was coldly received I thought.

Cambridge

Ther TUES. JAN. 7, 1913 Wea Stormy

Dark, lowering skies, chill N.E. wind & rain changing to sleet at nightfall.

Saw a Blue Jay in the trees & a White throated Sparrow in the hedges this morning.

Spent day in Museum working ceaselessly on Woodcock Story and working 2 pr. S. pages.

C & E. did not leave the house to day so far as I know.

Mr. Dewey called at 8 P.M. to try to induce me to take a mortgage in a Storage warehouse he & others are about to build near Harvard Sq. I told him I had no money to invest but would think it over. To get down from Mt. Auburn

[illegible]

Cambridge

Ther WED. JAN. 8, 1913 Wea Stormy

Dark cloudy with incessant fine rain freezing as it struck. The trees present a beautiful aspect being, like every thing else, thickly encased in clear ice. Of course the streets & sidewalks are most dangerously slippery.

Heard a Chickadee & a Downy in the Garden. Not a single Sparrow seen

Spent day in Museum writing letters & revising M. S. in A. M., adding 2 pp. to Woodcock story in P. M. No one comes to see me through the week this winter so I have my working time almost undisturbed.
C. & E. read aloud in book this eve

Cambridge

Ther 12° THURS. JAN. 9, 1913 Wea 7 am

Clear & cold with light westerly wind. Trees bejeweled with ice glittering in the bright sunshine.

A Johnie-Thrasher & Sparrows & a Blue Jay in the Garden. Only two or three Hawks & Sparrows there.

Spent day in Museum working on Woodcock story and writing from pp. largely copied, however, from journal & note book.
C. typewriting all forenoon.

The Melvins & Harlows dined with us at 7 and spent the evening, departing at 10.20.
C. has given her Chow dog, "Prince" to Constance Fuller who is to take him on the 20th

Cambridge.

Ther FRI. JAN. 10, 1913 Wea Fine

Clear & much warmer, the ice rapidly melting off the trees. Wind W.

A Chickadee, a Nuthatch thr. Sparrow & a Downy in the Garden. House sparrows back there in force after an absence of two or three days. 2 Jays on wing flying over.

Spent all day in Museum at my writing. It went gloriously — for me. I actually did 5 ff. of closely written M.S. composing a large part of it with, nothing anything from my journal.

Gilbert went to Concord, visiting the Farms & getting back at 4 P.M.

E. went to her Bus Class evening, read aloud to me.

Cambridge.

Ther SAT. JAN. 11, 1913 Wea Fair

Partly sunny; largely cloudy; light rain at evening. Very mild again with frost & ice, all gone, the river open & our city lawns as green as ever.

In the Garden heard a Jay & a Downy & saw a Chickadee at the suet.

Worked most of day in Museum at usual task making excellent progress. Finished the Woodcock & began the Wilson Snipe Story, writing form ff. and revising some already written. Gilbert expected 2 P.M.

In Harvard Square at 3.30 P.M. To have my hair cut. Walked back. Called on Walter after dinner staying half an hour. C. read aloud after I got back. E. has a cold coming

Cambridge.

Ther 58° SUN. JAN. 12, 1913 Wea Stormy

Cloudy & warm with frequent showers.

In our lilacs I saw together, just after breakfast 2 Black-capped & 1 Hudsonian Chickadee, a Canada Nuthatch & a Downy. Earlier in the morning saw a Crow & 2 Gulls fly over and heard a Jay scream.
About 15 House Sparrows about.

Writing letters in Museum 9-10.20 and 12.-1.15. Met C. at St. Johns at 10.40. Dean Hodges preached.
We had at dinner Harry & May C., Mrs. Roland Thaxter & Miss Allyn.
Harry departed at 3.30. E.R.S. was at breakfast & supper but not at dinner — because of his cold.

Cambridge - Boston.

Ther 16° MON. JAN. 13, 1913 Wea 7 a.m.

Clear & cold with light north wind.

In the Garden saw a White-throated Sparrow & heard a Downy.

To Boston at 9.30 a.m. Spent forenoon & part of afternoon in our office. Judge Abbott joined me there at 10.15 when we talked an hour and again at 1 o'clock him to dine at Young's. Returning we had another long talk in office. He thinks the Wolfeboro & Jaffrey people will insist on receiving the whole of the Robert Fund when they learn there is an unexpended excess & he agrees with me that a generous part of this should be used for playgrounds & manual training. He will investigate probable outlay required & report at a... Got home at 4.30 & had tea with (1 teaspoon) class

Cambridge.

Ther · 22° TUES. JAN. 14, 1913 Wea Fine

Clear & cool with light N. wind.

A Chickadee at the suet & a few House Sparrows only birds noted in Garden

Spent day in Museum working on Snipe story & working 3 hrs. Gilbert types about 5 pp. of Woodcock story copying from my pencil written M.S. & doing it very well. I go ahead so fast now that C. cannot begin to keep up with me.

The Stones came out to dine with C. & me at 7. They stayed until 10. Miss Jennie Chapman & Austin called on & to thank us & gave us a very beautiful miniature.

Cambridge.

Ther WED. JAN. 15, 1913 Wea Fine

Clear, calm, mild.

Heard a Chickadee, a Jay and a White-throated Sparrow and saw a Downy, in the Garden. It was roaring with noise & turbulent. House Sparrows.

Spent day in Museum working on Wilson's Snipe Story. Wrote 5 pp. Most of this matter was taken from journal or note books and the original text had to be carefully revised and many of the passages rewritten.
C. & G. read aloud to me in the hall this morning. Gas bills are coming on terribly this winter. We now have one Crocus & a few hyacinths in bloom.

Cambridge

Ther THURS. JAN. 16, 1913 Wea Dull.

Densely cloudy, calm, mild but chilly.

The White-throated Sparrow sang twice & fairly well as I was watching him this morning. The only other bird noted in Garden was a Downy.

Spent day in Museum, working still on Snipe story. Wrote a page of wholly original matter & two others made up of passages taken from my note books but largely revamped. C. typed wrote from 4.30 to 1, copying my eight pages & almost catching me up. She has gone with Miss Thilly Thompson to Symphony concert this eve. E. R. S. has just finished reading to me "The Queen of the Guarded Moments", by Oppenheim, an uncommonly good book.

Cambridge

Ther 52° (at 2 P.M.) FRI. JAN. 17, 1913 Wea Dull.

Cloudy, calm, unseasonably warm. Everything soaked by light rain last night. Grass green. No frost left in ground. Dandelion blossom plucked on Cambridge Common last week

Saw a Blue Jay in the lilac bushes; heard a Flicker and a Downy calling & a White-throated Sparrow singing (feebly) in the Garden.

Working all day in Museum on Unhappy Book. Wrote 3 pp. on Wilson's Snipe & 1½ pp. on Red-breasted Snipe, finishing with both species. All this matter was read aloud from my notes written originally years ago.

C. & E. R. S. read aloud to me in hall after dinner. Then went to Castle Symphony Concert this afternoon.

Cambridge.

Ther 48° SAT. JAN. 18, 1913 Wea Dull.

Cloudy calm & warm with heavy rain this evening.

In the Garden saw a Chickadee at the Suet by my window & heard a Jay screaming & the White-throated Sparrows chirping. Many Horse Sparrows there.

Writing all day long as usual. Finished with the Knots in a single page and wrote 2 pp. on the Pectoral, composing all the matter without using anything in journal or note books. This speed of comparatively uniform ability to write a little every day seems to be really lasting.

Lunched alone. C. & E. having gone in town to the Country Club. "Billy", a pretty Sheep about a January lamb, presented to me by E. and C. Read from the Outlook

Cambridge.

Ther 40°. SUN. JAN. 19, 1913 Wea Superb.

Perhaps the most perfect day of this most wonderful winter, brilliantly clear with crisp, dry air just pleasantly cool - or warm. Yet the wind was north-westerly

Hudsonian Tit in Garden at intervals thruout day. At 4.30 P.M. I heard it call sharply just outside my Study window & looking out saw it calmly feed greedily - for the first time. Also saw & heard a Downy in Garden.

To St. John's at 10:30 meeting C. there. Beautiful music, fine sermon by D. Hodges. Walked back with Mrs. Wyman, Mary, Helen & Alena Allen; Margaret & Miriam Page, dined with C. & Mary. Dick Allen, stricken with paralysis, expected to arrive from Cuba, & wish to spend his remaining days at the Page's. What many wishes & prayers are with him.

Cambridge

Ther 40°. MON. JAN. 20, 1913 Wea Fine

Clear, calm, Mild; Clouding over in late P.M. White frost at early morn.

Heard Hudsonian Tit & Hermit Thr. Sparrows in Garden, Saw of Siskin carnadensis at suet in Catalpa Tree near Museum & Jay in Lindens.

Spent day at usual Look. Wrote 3 ltrs. about Pectoral Sandpiper, finishing with Ivins at 4.45 P.M. when I went in to take afternoon tea with C's Reading Class attended to day by Mrs. Scudder, Mrs. & Miss Willard, Miss Bishop & Miss Allyn.

Nuttall Club this eve. About 20 present to hear Townsend's Hardwicke Island talk on Natashquan River trip. It was very interesting.

One snow drop in bloom on bank from front of own house.

Cambridge.

Ther TUES. JAN. 21, 1913 Wea Mixed.

Raining Through night & early morn. Forenoon cloudy; afternoon sunny. Mild.

The Hudsonian Tit at suet by my window at 11.30 a.m. White-throat singing just before this. A Crow & 3 Gulls seen flying over Garden.

The Wilding dragged somewhat heavily to-day. I dealt with the White-rumped Sandpiper in 2 ltrs. & began Baird's Sandpiper. Worked ceaselessly from 10 a.m. to 1 P.M. & from 2 to 6.30 P.M.

C. & E. read aloud to me this eve. We have just begun Oliver Twist

Cambridge, Boston

Ther WED. JAN. 22, 1913 Wea Fair

Clear, calm, slightly frosty.

Saw a Chickadee & 2 Jays in the Garden, 2 Gulls flying over it Heard the Hendersons Tit & the White-throated Sparrow calling three

Three pages of M.S. on Bird's Eyesight represent my work today. It ceased at 5.30 when I had to dress for our "We Nine" at Jeffries'. Walter & I went in together. Everybody there except Thaxter & Barbour. Jeffries gave us some 1796 sherry. Walter, Bakely & I came out in a taxi at 10 to Pres. Lowell's reception in the next house. It is like a small palace. Crowds there. Talked with Mrs. Eliot & many others. Had lots more in other rooms afterwards with Walter

Cambridge

Ther THURS. JAN. 23, 1913 Wea Rainy.

Cloudy & mild with rain falling most of P.M.

A Chickadee seen and the White-throated heard in the Garden. Gray Squirrels have appeared in force within the past few days & are very active chasing one another about with some display of temper under. I saw very little of them between Dec. 15 & Jan. 15 & suppose that they were then mostly in their holes & pretty hibernating.

C. copying all forenoon. I worked on Bard's Sandpiper from 10 a.m. to 7 P.M. working about 3 hrs.

C. took the Chaos day to a brooding Pheasant yesterday & Shaw & I read from "Oliver Twist" this evening.

Cambridge

Ther 42° FRI. JAN. 24, 1913 Wea Dull

Cloudy, Calm, Mild.

Hudsonian Titeating Seen by my window for about a minute at 9 A.M. Just before this I had seen a Black-cap Chickadee & a Downy in the Garden. The White Throat Sparrows sang there at intervals somewhat late. Heard a Crow Cawing in early morn.

The working went better than usual to-day for I did 4 ft. 3 on Red. backed Sandstone, 1 on Buff Sandstone, finishing with both these birds. I worked consecutively from 10 a.m. to 6 P.M. Late for the hours all beneath.

G. went in Town to-day, E. G has Ben to-night. The former dined to me after dinner from Oliver Street

Cambridge.

Ther SAT. JAN. 25, 1913 Wea 7 inc

Clear, Calm, Mild.

Heard the White-throat singing & a Jay screaming, in the Garden.

I had intended to spend the day in Town & to be present at Mrs. Hemenway's "Afternoon Tea" for Audubon Society but Scarlatina broke out in Quincy Street & Bessie Sawtell

attack of bronchial cold & sore throat.

Got out to Museum, however, & remained there all day having my lunch sent out. Although feeling dizzy I worked on the Pentagony Took sweating 3 ft. about 6 minutes. G. & E. went to the theatre. They read about G in this morning's papers & Bessie Sawtell

Cambridge

Ther SUN. JAN. 26, 1913 Wea Fine

Clear, Calm, Mild.

Heard a Jay & saw a Downy & a White-breast in the Garden. Also heard the Hudsonian Fit Titmice about 9 A.M.

Spent forenoon in Museum writing letters. Miss Allyn, her niece Mrs. Frick and Miss Constance Williston dined with us staying until 4 P.M. return Harry & Mary Cunningham called. Mr. De Merritt came at 4.30 to stay until 6. He sat in Museum & had a good talk about shooting matters. He killed 14 Partridges in 5 days last autumn.

C. & E. read Oliver Twist this eve.

Cambridge

Ther MON. JAN. 27, 1913 Wea Dull.

Densely cloudy with a little fine rain. Mild through day; cooler & a bit frosty after dark

In the Garden saw a Jay and heard a Crow. Four Gray Squirrels following one another in a string all over the place. This has been going on now, on & off for almost a week. Evidently it is a sexual pursuit, not at all very ordinary and so conducted that it is difficult to distinguish the sex of the animals engaged in it.

Wrote all day doing Sanding (2 pp.) & Rust (1 p.). C. typing in forenoon. I came in for tea with her leaving shortly after.

C. W. Hadley of Hadlyme came out at 8 & stayed until 10 talking over shooting matters with me.

Cambridge

Ther 20° TUES. JAN. 28, 1913 Wea Fine

Clear, calm, cooler. The ground frozen hard last night but thawed again to-day.

In the Garden saw a ♀ Red-bellied Nuthatch eating suet from the pieces that hang in catalpa tree near Museum also a Jay flitting through the trees. Heard the White-throated Sparrow calling just before sunset.

Working all day at Ornithology Task. Did four readers (Willet, Turnipstone, Holdsworth & Jack Curlew) in 4 hrs and began a fifth (Spotted Sandpiper) writing about another page. Made brief calls on Walter D. & Mrs. Almy soon after breakfast. C. & E. read Oliver Twist this evening

Cambridge & Boston.

Ther 20° WED. JAN. 29, 1913 Wea Dull.

Cloudy & cold with piercing easterly wind and frequent flurries of snow.

In the Garden saw ♀ Red-bellied Nuthatch as usual, a pair of Jays in the trees and a Downy that flew from the top of Museum after having been on tree in usual manner. Heard White-throated calling as usual.

Worked on Spotted Sandpiper story from 10 to 11 A.M. and 4.30 to 6.30 P.M. adding, however, but little to page. Went in town at 11.30 to attend annual meeting Trustees Pub. Res. Pres. Eliot presided. Dr. Walcott & Messrs. Kidder, Forbes, Parkman & one or two others were all that came forward & meeting short & otherwise. Went home to dinner. Sold 117 Tel. Tel. rights. Dividend Eastern Co ordinary, Commercial Bank of Boston. Home by 4.30. Usual reading this evening

Cambridge.

Ther THURS. JAN. 30, 1913 Wea
7 a.m.

Clear, Calm Mild. Ground white with snow this morning but everywhere bare & muddy by noon.

In the Garden saw the White-throat & a Jay & heard a Chickadee, a Downy & a Flicker.

C. typewriting from my M. S. from 9.20 to 1.15, Catching me up.

I worked all day accomplishing little or nothing in forenoon but writing three field pages about the Spotted Sandpiper in the Canon of the afternoon.

C. read aloud from the Transcript & C. & E. from Olive Thorne, This eve.

Gilbert complaining of a sore throat which he has had for over a week. The

Cambridge.

Ther FRI. JAN. 31, 1913 Wea
56° (at 1 P.M.) 7 a.m.

Clear with strong westerly wind. Almost uncomfortably warm. Two snow drops now in bloom on our bank

Standing just behind our house at 1 P.M. I saw, within a few minutes, the Hudsonian Fit, (2) Black-cap. Chickadees, (3) Downy Woodpeckers (999), a ♀ Red-bellied Nuthatch, the White-breasted Sparrow and (2) Jays, all in the lilacs, a Flicker on the lawn and (3) Crows flying overhead.

Spent most of forenoon writing letters. Wrote 2 pp. on Black-bellied Plover & 1 on Golden Plover in P.M.

Charles R. Hand came at 4 P.M. bringing a nearly adult Hunkin's Goat to ask his skin this forenoon near Pigeon Cove. It was a beautiful bird with the colors of all the flashing joints still undefaded

Cambridge.

Ther 30° (mot) SAT. FEB. 1, 1913 Wea Fair.

Partly sunny, chiefly cloudy.
Cool with raging N.W. wind.
Lawns pleasingly green. No snow or ice to be seen anywhere

The Hudsonian Tit came to suet by Museum windows about sunset when I showed him to Mr. Sturgis who chanced to be here. Heard an Olive-b. thrush & saw a Jay in the Garden.

Wrote letter from 9 to 11 A.M. & then turned to my customary task & kept at it until 7 P.M., writing about 41 pp. on Golden Flower.

C. laid up with rheumatism. We sat in the Peace Room after dinner when she & E. read Olive Twist aloud

Cambridge.

Ther 18° SUN. FEB. 2, 1913 Wea Fine

Clear & cool with light N.W. wind.

A Chickadee, 4 Red-breasted Nuthatches (or more), & White-throated Sparrows, & Hairy Woodpecker & 2 Blue Jays seen in the Garden. The Hairy Woodpecker, a fine, large bird with brilliant red on nape, was hammering on the stem of a lilac some 5 feet above ground. He permitted me to approach within less than four yards.

Went to the Haywards' after breakfast to congratulate Mrs. H. on her 80th birthday. Saw them all including Nathan. Next called on the Sawyers & Spaulding. Had an hour. E.R.S. & I dined alone. C. came down to dessert when we had Grandi Manning. He stayed until 9:
I reread Golden Flower during P.M.

Cambridge.

Ther MON. FEB. 3, 1913 Wea
Snow Storm

Mild weather again but damp
snow falling ceaselessly all day
loading every branch & twig and
covering the ground to a depth of
about 3 inches. Quite no wind.

Hudsonian Tit & Robin - Thrush Sparrow
heard (but not seen) close to the
nest that hangs by my window.

Of late I have been frequently
disturbed by a rather loud but intermittent
tapping on the Museum roof over my
desk. Hitherto I have attributed it
to a Woodpecker but to day Gilbert
saw 2 Blue Jays making it by
pecking at the copper gutter.

Worked all day on Black Gilled
& Golden Plover Skins, cleaning most
of former & adding 2 fresh Ad. ♂ (1 Gilled
Mallard Clerk coming. Busy on "Common
Birds"

Cambridge

Ther TUES. FEB. 4, 1913 Wea
Sparrow-hawk in Garden. Fine

Clear & mild. Wonderful snow
foliage at sunrise; partly dissipated
about 8.30 by rising wind which
tore much of it from the trees, altho
some still clings. Quite warm in Hubbard Park

In the Garden saw ♀ Downy in
catalpa. 3 Crows on wing, Heard a
Chickadee & Tufted Titmouse. Sparrows.

As I sat at my desk about 3 P.M.
the cry of a Sparrow-hawk came
faintly to my ears. Stepping out I
saw the bird, a ♂, fly from near
the top of our Graduation apple tree
bearing in his talons booty that looked
like a Sparrow. He went off over our
house towards the river.

Began Ring neck Plover Skins. Was
interrupted & handicapped all day
but succeeded accomplishing anything at all.
My brain simply refused to work
Headache because it was an overcast
day. Headache because I have not
smoked a day.

Cambridge.

Ther | WED. FEB. 5, 1913 | Wea 7 a.m.

Clear & rather cold with blustering N.W. wind. Ground snow covered to depth of 4 inches. Good Sleighing in City Streets.

At 4.45 P.M. I was sitting at my desk in Museum when from just outside the window there came to my ears, very clearly & distinctly, a succession of notes uttered rapidly, all soft & pleasing; some very liquid & musical. They were very like those sometimes uttered by Chickadees yet different. Looking out I saw, as I expected, the Hudsonian Tit at the suet. A body mate to the flock of a few feet & repeated the pleasing notes. Having perused & pored over my book I could then trace Titi-hee, Tee-hee, Tee-hee-hee, Titi-hee, Tee-hee-hee. They did not remind me in the least of the song of a Purple Finch. I think they may have the same origin. Heard a Crow caaw in early morning.

Spent day in Museum trying to work. No Sossages in forenoon. Home 2 P.M. Rain. Read in P.M. after lighting my fire for first time since Monday afternoon.

Cambridge.

Ther 16° | THURS. FEB. 6, 1913 | Wea 7 a.m.

Clear & cold with high Westerly wind.

Saw Hudsonian Tit come four times to suet – at 11.45 a.m. & 3.45, 4 & 4.20 P.M. It remained there from 20 to 60 seconds on each occasion. Once it uttered a soft low chirrup. Ti-ti-ti-ti-ti exactly like that of a drowsy Field Cricket. It also gave the ordinary tse-tse, dee. From my point of view slightly above it looked white at the base & Turning its brown back towards me, more like a Sparrow than a Tit was & most like a young of Junco. a Black-cap Chickadee also visited the suet twice. I heard the Tufted Thrush.

Spent day in Museum working on Umbagog Task. Had to give most of my time to revising M.S. but worked over a fresh page on Greater Yellow-legs. C.c. Eight species from 9 to 12.15. Miss Piper brought back some of the books I had done. Mrs Kimball dined with us at 6.30 & heard a Bryan Com. with Cr

Cambridge - Boston

Ther 8° FRI. FEB. 7, 1913 Wea 7 AM

Clear & cold with brisk northerly wind. Real winter at last

I saw the Hudsonian Tit at the suet on less than six occasions - at 9.20, 9.25, 9.40, 11.20, 11.50 A.M. & 1.45 P.M. During the last three visits he remained 30, 35, & 15 seconds respectively. He indulged in a variety of calls which I noted as heard & shall record in my journal. Saw only one other bird, a Black-cap Chickadee (at suet)

Worked in Museum all forenoon & up to 4 P.M., reading 3 ff. on Greater Yellow Legs till 4.30 when called to Beaker's greenhouse to buy plants (Azalea & white lilac) for present to C. Left to square for hair cut. Home in time (6.30). Dined at Athletic Club. To Botanical Club meeting at E. Brainard on Middle. Interesting. Home by 11.30

Cambridge

Ther 18° SAT. FEB. 8, 1913 Wea 7 AM

Clear & cold with fresh southerly wind.

Saw Hudsonian Tit only twice, in front of Museum with Black-cap Chickadee at 3.40, at suet by my window at 4 P.M. Walter Deane with me over to Fayerweather to see bird which was very shy & restless. He came to suet in silence & thought only a few seconds I thought but could not be sure as I did not actually see it arrive. Heard a crow cawing in early morn.

Worked most of day on Greater Yellow-Legs story, reading 2 ff. & practically finishing it.

C. & E. read aloud to me this eve.

Cambridge

Ther 20° SUN. FEB. 9, 1913 Wea 7'ine

Clear & cool. With light northerly wind

(2) Crows & (3) Jays in Lindens about 8.30 a.m. & Red Bellied Nuthatch in Lebos at 1.20 P.M.

Met C. at St. Johns at 10.40. We walked back together at 12.15. Harry & Alden Bartlett, Mr. & Mrs. Sturgis & Miss Allyn dined with us at 1.30. Les V. Bennett came at 5.30 & stayed until 8.30. C. gave me, to-day, a very pretty little collection of early Spring flowers — crocuses, Glory snowdrops etc — in one of Carbone's Station potting boxes. Lovely Tallin & E. K. S. gave us roses. It was the 35th Anniversary of our wedding.

Cambridge.

Ther 0°, 15° MON. FEB. 10, 1913 Wea 7'ine

Brilliantly clear & feeling cold with little or no wind.

Hudsonian Jic made Silent visit & sent about 1.40. When he came again at 3.45 he called several times just before reaching & after leaving it. 4 Juncos with about a dozen Hous. Sparrows feeding for hours on seed put out on ground. Heard a Jay scream.

Spent day in Museum working & in some of time recording Granite Tablet-boy story. C. Typ wrote most of it in A.M. Smith O. Dexter called at 3.30 & stayed until 4.45 talking. Blow Blackbirds & Red. wings seen in Common but nowhere in large. I came in at afternoon tea with C's sitting close at C. & S. Read about to run in hall this eve

Concord

Ther TUES. FEB. 11, 1913 Wea
Snow Storm

Morning cold; evening mild. Snowing almost all day apparently thick flakes yet making only about 2 inches.

Had breakfast at 6.30 & started for Concord by trolley cars at 7.10, Gilbert meeting me at Cambridge Heights. Left & George at W. Bedford. We crossed river on ice several inches thick & found Pearson & 2 men with Pat cutting down trees along river. They kept at it all day despite snow storm. Left drove me on over wood shed & Davis Hicks & the woods along road to Hubbard town with Gus. Then Gus cutting off. Saw Harry Hosmer there & a Brown Creeper at Cabin but no other birds any where on our land. Dined in Cabin & Gus & I drove P.M. there taking 4.27 train for Cambridge. Saw 4 Pheasants & 2 Crows on Bedford Road & 6 Robins there about 2 miles apart on main road (Boston Post). Snow about 4" deep on woods. No tracks except 9 Mice & 3 Squirrels

Cambridge - Boston.

Ther WED. FEB. 12, 1913 Wea
10° Fine

Clear & cold with brisk N.W. winds.

Hudsonian Jet came to nest once at a.m. as he approached it he twice called pse-pse-pse without special emphasis on any of those notes all of which were on same key & nearly alike although the terminal one was slightly more prolonged than other two. Saw also a Blue Jay.

Worked on Sermon Gilbert Log Story Chemistry Exam & Ps. & B.C.L.A. Walking 2 Mi. at 3.30, went in town to Anderson Society meeting at Mrs. Jacks & Hotel. It lasted until from 6 & I did not get home with T. Bittery called this evening. Richards dangerously sick

Cambridge.

Ther 0° THURS. FEB. 13, 1913 Wea Fine

Clear and very cold with fresh N. W. wind.

Heard a Flicker & Crows (at Sunrise) Hudsonian Tit visited feast only once — at 4.50 P. M. — heralding his approach by faint calling psse - psse - dee, next psse-psse-dee-dee & finally psse-psse-dee; delivering all these notes rapidly & smoothly without special emphasis on any of them. He remained 35 seconds & then flew straight off N. in silence.

Working all day in Museum. Began Solitary Sandpiper skin & did three Hr. C. hyps working all forenoon when I did some resizing.

She read Ironsides & E. K. S. read the "Simpkins Plot" a capital story, to me on hand this evening.

Cambridge
Percy Starts for England.

Ther 20° FRI. FEB. 14, 1913 Wea Fine

I finish Waders & stop smoking at 6 P. M. (because of sore mouth).

Clear & just seasonably cool with light westerly breeze.

Crows cawing in early morn. Black-cap Chickadee whistling phoebee blithely about 10 A. M. Blue Jay seen. Hudsonian Tit called psee-psee; psee-psee in sing song tone on reaching limit at 1 P. M. when he stayed 10 seconds. With a psse - psse - psee, psse-psse-psee he came again at 2.07 staying 10 seconds & calling psee as he departed. At 3.35 he heralded his arrival by calling swil-it, t'plewee - t'plewee in sweet & liquid tone without emphasis.

Worked in Museum all day finishing Solitary Sandpiper with 3 more skins thus dealing with the very last of the Waders from my Umbagog haul.

Percy Harris came down to us all last night & went to New York by 10.02 train this day to sail for England to-morrow with his two boys proceeding to school next month. John Sheahan will do his cooking & Ishmael tending abroad in hall this even

Cambridge – Boston.

Ther SAT. FEB. 15, 1913 Wea

Barred Owl in Granary B.G. Fine

Clear, calm, mild; snow & ice wasting rapidly & streets very muddy again

Crows cawing in early morn. Heard Rhein-thr. Sparrow chirping at sunset. Gilbert heard it sing twice about 2 P.M. near Museum

To Boston at 10 A.M. Spent several hours in office talking over Estate matters with Gallonpe & Darling. Also talked with Hon. Burbank.

Worked from 11.30 to 1 in State St Safety Vault noting numbers of Stock & bond certificates. To unchristian Branch U. Graves. Walked to Park St & saw Barred Owl perched high in tree in Granary Burying Ground. Much crowds of people going & coming from State House about 4 P.M.

Cambridge

Ther SUN. FEB. 16, 1913 Wea

Fair

Sunny, hazy, calm, warm. Much bare ground & snow drops showing again

Robin-thr. Sparrow chirping at 6 A.M. Paris mudsowers in lilacs near 9 house at 1 P.M. Very noisy & tame. I stood within 8 feet of him & saw him utter T'slee-t'slee-t'slee-t'slee, t'slee-t'slee-t'slee-t'slee, three & notes, all alike & in same key, given many times with slight pause between 4th & 5th note, in loud, insistent, monotonous voice serving to find garden with sound. Reminded me strongly of song Carolina Wren, but less loud & ringing than that. Bird sometimes interpolates a tsip or ti-ti call between utterances of full series of 5 notes but never in them. Usual series. General effect of combined notes pleasing but hardly musical.

To church with C. at 10.40. Dr. Hodges preached excellent sermon. Wife Simmons here with us for dinner. Mrs. David Cooney & two sons & Miss Allyn & Miss Howard dined with him & us.

Cambridge.

Ther MON. FEB. 17, 1913 Wea
I resume smoking. Fair

Partly sunny, partly cloudy; calm, mild.
An inch or more of damp snow fell last night

Hudsonian Tit visited suet at
Black-cap Chickadee at one. Red Bellied
Nuthatch seen in Cedarlopa early morning
& Downy seen within a yard of suet which
hangs by my window. Golden Crown
Blue Jays flying back & forth, scarcity,
are foremost. At 9 a.m. no less than
8 assembled in Tops of (other than Poplars)
in jungle where they remained several
minutes bowing to one another & uttering
their call notes. Gray Squirrels very active.

Spent most of day revising Sol. Sandpipers
Story. C. Copied it in afternoon. Meeting
Meeting. Dr. Tyler on Marine, Robins & Hum
Sparrows: very good. I stopped smoking
last Fri. in day & began again this afternoon.
Only effect of cessation was difficulty in
composing in writing. I had no difficulty in
covering about & was therefore disgusted

Cambridge.

Ther 16° TUES. FEB. 18, 1913 Wea
Fair

Clear & Cold with high north wind.

Two Juncos feeding on seed just out
for them in the Garden. No other birds
except House Sparrows noted there.

Began Spruce Grouse Story this
morning & worked on it all day
writing only two pages. It looks
fair to be a difficult & complex
subject about which much must
be said.

L. & I dined at 61 Sparks Street
with Miss Bishop & her friend
Mrs. Munger at 7 o'clock This
evening. We stayed until 9.30.
Mrs. Munger says Upland Plover
bred abundantly about Oak Grove
N.H. up to about 1906 but have since
almost ceased to breed there.

Camoridge.

Ther WED. FEB. 19, 1913 Wea
40° Flicker "shouting" Fine

Clear & warmer with light westerly winds.

A Flicker shouted thrice in the Garden about 3 P.M., each time long & loud. Saw 2 Jays & a Downy. The Hudsonian Tit has not been seen since the 17th although I kept watch on the suet all yesterday & to-day.

Worked all day on Spruce Pantridge story, adding only 2 M.S. pp.
Lunched alone in Com.

Went with C., E., Miss Chapman & Miss Gregory to the New Lecture Hall this morning to hear Boyd Carpenter, Bishop of Ripon, lecture on Dante. It was the finest piece of oratory I have ever listened to.

Cambridge

Ther THURS. FEB. 20, 1913 Wea
Fair

Sunny but hazy. Calm & very warm

Heard a Chickadee & a Blue Jay in the Garden.

Spent day in Museum working on Spruce Grouse story, adding 7½ pp. Mostly of matter transcribed from original notes, however. This was largely recapitulation. C. worked all forenoon copying my M.S.

Called at the Allens & the Chapmans this morning to ask them to dine here on Sunday. Margaret (Allen) Gage called to see Lotta. She says my old friend Dick Allen is very seriously ill now at their home on Kirkland Ave.

Cambridge - Boston

Ther FRI. FEB. 21, 1913 Wea Fair

Partly sunny, mostly cloudy.
Calm & very warm. Snow & ice
almost wholly gone again.

A little shouting in jungle the
only native bird noted about the place

Spent day in Museum working
on Spruce Grouse Story. Work 4½ hr.
Made up matter read up in from
journal & note books. Lunched
alone.

Went in town at 7.30 to dine
at the Thorndyke at 8. with the
Boston Bird Club. Session held
of President, Miss Miller. Called on to
speak by Coolidge. I said a few words.
Thirty five people present. Haley & Merrill
there. Got home at 12.

Cambridge.

Ther SAT. FEB. 22, 1913 Wea
Thunder shower. Stormy.

Cloudy; Calm; very warm. Raining all
day, heavily in late P.M. Now at 9 P.M.
a thunder shower is beginning with
brilliant lightning & floods of rain.
Snow entirely gone.

After four days absence Hudsonian Tit
reappeared at once 11.17 a.m. Staying only
five seconds. Heard him singing next at
at 12.45. T. H. Allen & H. M. Spelman
came to see him at 3.45 staying until 4.
He did not show himself but I think
he called once about 4.45. Saw
② Chickadees & heard a Tufted Titmouse

Spent day in Museum working on
Spruce Partridge Story & working 3 hr
C. went off to Fitchburg Railroad to
see how Chevy dog. She & E. went
aboard to see this morning

Cambridge.

Ther SUN. FEB. 23, 1913 Wea
7 a.m.

Partly sunny, largely cloudy.
Cooler with snow-flurries, roaring cold
& windy at nightfall.

Only a Chickadee, a Crow & a few
Sparrows seen in Garden to-day.

Met C. at St. Johns at 10.40.
Fine sermon by Dr. Hodges. Left
Church at 12.15 to find Harry Spelman
& his son Henry in my Study waiting
for the Hudsonian who failed to
appear. Young Gannett, nephew of
Dr. Gannett, came at 12.30 & saw my
collection. At 1.30 Mr. & Mrs. Alvord,
Margaret & Annie Chapman came to
dine with us, departing at 3.30. when
I went to Museum & worked until
6-30. C. & E. read aloud to
me from "Bobbie" a charming day closing,
from 7 to 9 P.M.

Cambridge.

Ther 18° MON. FEB. 24, 1913 Wea.
7 a.m.

Clear & cool with fresh N.W. wind.

Hudsonian Tit visited Suet at 12.45
staying there only a few seconds. 2 Juncos
& the White-throated Sparrow feeding
on hemp seed under Museum window.
A Jay & a Downy also seen in Garden

Spent day in Museum working
on Spruce Partridge Story. I
accomplishing more & nothing for
less than a full page was added
to C. type of first seven eight
pages previously written.
Pierce called at 10 a.m. to talk
over work at Concord. It was
arranged that he should begin there
on March 17. I came on for tea
with C's reading class at 5 P.M.
C. & E. read from "Grey Friars Bobby" Chris

Cambridge

Ther 16° TUES. FEB. 25, 1913 Wea Fine

Clear & cold with fresh N.W. wind.

Only birds noted in Garden were the Robin. Thrushed Sparrow, a Jay and a few House Sparrows.

Worked all day in Museum on Sprue Partridge Story, working 3 pp. and practically finishing it although I may add something to - morrow.

Mary Greenough arrived late this afternoon to spend the remainder of the week. C. & E. read aloud in the hall after dinner this evening, finishing "Gray Friars Bobby".

Cambridge

Ther 20 WED. FEB. 26, 1913 Wea Fair

Forenoon sunny; afternoon cloudy, snowing by 11 P.M.

Saw the White throat & 2 Blue Jays in the Garden & heard a Flicker shouting. Three Crows heard at Fresh.

Began with the Ruffed Grouse Story this morning and had 2 pp. & ¼ written by 6 P.M. Pat Flannery called in the afternoon & I found him nice fuel to date

To "We Dine" at Rounds this evening. Everyone there except Thaxter, Barbour & Goodale. Uncommonly good time. Walked home with Harry Spelman

Cambridge.

Ther THURS. FEB. 27, 1913 Wea Stormy

Raining, sleeting or snowing all day. Ground and trees covered about an inch deep with icy snow that fell mostly last night.

Only a Blue Jay seen in the Garden.

Worked all day in Museum on Ruffed Grouse. Story working two pages. C. worked in forenoon copying six pages. Had a call from Mr. Hayward in P.M. He stayed about half an hour.

We all sat in hall through evening, Mary Yarrow & I being read to by C. & E. alternately from a new Birmingham book.

Cambridge

Ther FRI. FEB. 28, 1913 Wea Dull

Cloudy, calm, mild. Hollows flooded by heavy rain last night.

A Chickadee phoebeing, a Flicker shouting & a Downy calling in Garden. Saw the Hawk. Wood Sparrow & two Juncos there.

Spent day in Museum working on Ruffed Grouse story. Wrote a little more than 3 pp. It is a hard subject to deal with as I knew it would be.

C. & E. went to hear Bishop Carpenter this evening hearing. Mary Yarrow & me to spend it together in the hall talking.

Cambridge.

Ther SAT. MAR. 1, 1913 Wea Stormy

A dark, gloomy, rainy & at times foggy day with several peals of thunder Snow & ice all gone again and everything wet & soggy.

Chickadees phoebeing, Flickers shouting & Crows cawing in early morning. Nothing but House Sparrows round after that

Spent day in Museum working on Partridge Story. Wrote 2 more pp. & rewrote one of those done yesterday.

To Brattle Hall with Mary G. this evening. To see Maude Adams a capital play well acted. We sat between Miss Abbey Fernald & Edwin Abbott. Gertrude Tuttle & Carey Hayes there looks looking old.

Cambridge

Ther SUN. MAR. 2, 1913 Wea Mixed.

Most of day Calm & mild with alternating cloudiness & sunshine. About 5 P.M. it grew suddenly darkly cloudy. Followed an extraordinary storm of extreme violence, a sort of frozen thunder shower without thunder, during which snow fell in blinding sheets and roar driven hither & thither by eddying gusts coming from every direction. When the skies finally cleared the ground was covered inch deep with dazzlingly white, fresh-fallen snow.

a Jay, Downy & Hairy. Heard in Garden

Writing letters most all day in Museum. Mr. Sawyer & Miss Allyn dined with C., E., Mary G. & me at 1.30 staying until 3.30. At supper we had Frank Manning who stayed until 9.30 and was as genial as usual

Cambridge

Ther MON. MAR. 3, 1913 Wea Fair

Calm & mild. Pale sunshine coming through thin clouds or dense haze. Snow all gone by night.

A Black-cap Chickadee at suet, a Crow flying through, Redwings & Starlings were the only birds noted about premises to-day.

Tree Swallows seen near Boston by Fay

Spent entire day in Museum working on Partridge story. Wrote two pages & corrected third, which C. had typed. Wrote information Committee for the Reading class to-day at 5 P.M. Walked home with Kate Hemenway & called on her sister Cornelia on the Hills corner.

Nuttall Club 7.-10: Jacob Nicholas on Off-Shore Birds. Also discussion of Soaring & Gliding flight.

Cambridge

Ther TUES. MAR. 4, 1913 Wea Dull

Calm, mild & cloudy with occasional flurries of snow flakes.

Suet visited first by Black cap Chickadee & then by Hudsonian. The latter was there twice, at 2.45 & 3.30 P.M. Saw also in Garden the Tufted-tit, Sparrow & a Jay.

Spent day in Museum working on Partridge story. Wrote 3 pp. & revised some of another composed yesterday.

Jacob Nicholas called on 6 P.M. to read an article on Soaring flight which he wrote last night after Nuttall Club meeting. I do not think he is right in regard to the theory he has a different. C. & E. Emerson absent with Tufted-tit cold.

Cambridge

Ther WED. MAR. 5, 1913 Wea

Meet W. D. Howells. Fine

Clear, calm, mild & Spring like
Many snow drop buds now
showing conspicuously in front Museum.

A Blue Jay the only native bird
seen in our Garden.

Worked on Partridge Story from
9.30 to 12 and from 3.30 to 6.30
but added less than 2 hrs.

Went to Miss Allyn's at 1 P.M. to
lunch with her, her friend Miss Thornton
of Lexington, C., E. K. S. and W. D.
Howells. It all went off well.
Mr. Howells very genial & entertaining.
We walked home to Museum. I escorted
him to Miss Scudder whose class
Howells is visiting. Whom I left with the
Lights this last night. & Said "I
thank you for walking home with me."
C. fell from a car step this P.M. but

Cambridge.

Ther THURS. MAR. 6, 1913 Wea

Stormy.

Dark, gloomy day raining much
of time: Cleared off cold after dark
with boisterous N. W. wind.

Jim Hudsonian & a Black-cap Chickadee
came to the suet. About noon a &
Hairy & a Downy Woodpecker were
in the Elm close by Museum both not
only at once but also within a yard
of each other on the same branch. Also
Saw a Blue Jay & heard a
Flicker shouting, in the Garden.

Spent day in Museum. Wrote 4 pp.
mostly readapted from former notes.
I am still engaged with the Partridge
Story of course. C. typing all P.M.
She & E. read aloud to me in bed
this evening.

Cambridge - Boston

Ther 14°, 18° FRI. MAR. 7, 1913 Wea 7 a.m.

Brilliantly clear & bitterly cold with brisk N. W. wind.

A Jay & a Flicker on the lawn together. Crows flying over northward, possibly on migration.

Worked all day in Museum on Partridge story making good progress. Typed the revision of a page written yesterday took all forenoon & I wrote scarcely more than a page of new matter in the afternoon.

Dined alone at 6.30 C. & S. having gone to their Ben. I went in town at 7.30 to Botanical Club. Fernald talked 2 hours on Flora of Newfoundland. Fine, of course

Cambridge

Ther 9° SAT. MAR. 8, 1913 Wea 7 a.m.

Clear & cold moderating a little towards evening.

A Blue Jay the only native bird noted about the place to-day at 6.30 P.M. heard thrice the throbbing love song of a Screech Owl in the Jungle.

An unnecessarily procrastinating day on the working. Added 5 pp. to Partridge story & should have done 6 had not Smith Dexter Grafton called in mid afternoon to discuss matter of some importance which I somewhat begrudged although glad enough to see him.

Much of what I wrote to-day was taken almost literally from Hookers new books,

We read aloud in morning & after dinner - at least C. & I did

Cambridge

Ther. .60°. SUN. MAR. 9, 1913 Wea Fair

Clear, Calm, very warm.

Nothing but a Blue Jay seen (or heard) about the place. To-day.

Met C. at St. John's at 10.40 Fred Allen preached an excellent sermon. I half expected to hear Blue-birds or Sea Crows Blackbirds while walking down Bristol Street but noted only a Downy.

Miss Allyn, Miss Lois Howe & Will & Alice Stevens dined with us. Mr. & Mrs. Harlow came to call about 3.30 Staying nearly an hour.

I wrote letters in Museum when not otherwise engaged. Called at the Always' this morning (8.30 - 10.15)

Cambridge

Ther MON. MAR. 10, 1913 Wea Fair

Partly sunny, mostly cloudy; calm, very mild & Spring like.

A well nigh continuous & very pleasing Sound of bird voices in the Garden from 9. to 9.30 a.m. It came from a Chickadee whistling phoebe, a Shrieking Flicker & a Screaming Jay. Then came all the native birds I noted except two Downies seen in the Gardens at breakfast time & a Screech Owl heard uttering the long tremulous cry at 6.30 P.M.

Worked all day on Partridge story writing 3 pp. of fresh matter wholly completed. C. copied what made 8 typo written pp. (more than were begun) I came in at 5 to have reading class. E. finished reading Scarlet Letter to me this morning

Cambridge

Ther TUES. MAR. 11, 1913 Wea Dull

Cloudy, calm & mild with an occasional drizzle of fine rain.

Saw a Chickadee, a Crow & a Jay and heard a Flicker shouting, in the Garden.

Worked all day on the Partridge Story working a little more than 3 M.S. pages of freshly composed matter. This particular task in nearing its end which should be reached by Friday.

City election to-day. I voted at 2. P.M. in Brimmer School house for mayor of whom I know nigh to nothing for the name form. C. & E. read aloud in hall this eve.

Cambridge-Boston

Ther WED. MAR. 12, 1913 Wea Fine

Sunny but hazy; calm; mild. Heavy hoar frost in early morning.

A shouting Flicker, a screaming Jay, a cawing Crow & a distant Downy, in the Garden.

Worked through forenoon on Partridge Story, counting 2 pp.

To Boston at 1.30. At office from 2 to 3.30. Thence to Mrs. Elliots to attend meeting Amer. Soc. Directors 4-6. Suppressed hostilities seeming shown between Allen & Miss Kimball about Beethoven Com. Allen & Rotherie resigned from it. I replaced them by Forbush & Mrs. Bolles. Home at 6.45. C. & E. read aloud in hall this evening.

Cambridge.

Ther 50° THURS. MAR. 13, 1913 Wea Dull.

Cloudy, calm, warm

A Chickadee at suet, 3 Downy Woodpeckers together in the windows, the White-throated Sparrows chirping in Rhododendrons near Museum now all the birds of apt House Sparrows flocked about our floor to day.

I worked all day long on the Partridge story, practically finishing it with 4 ffp. mostly completed & readapted from field notes. C. types words most of forenoon catching up with me by 12.30.

She & E. read aloud this morning from "Hezekiah", another Country story, inferior to "Billy"

Cambridge

Ther 5° 4° Crocuses & Squills in bloom. FRI. MAR. 14, 1913 Wea Stormy

Raining all day, at times very heavily. Temperature seemed oppressively warm

About a dozen Squills & several Crocuses came into full bloom in front of house this afternoon. There are hundreds of buds drops out now in front of Museum.

A Chickadee at suet & a Flicker drumming vigorously several times on galvanized iron ventilator of Museum

Put what seem to be finished Touches on Partridge Story in A.M. & wrote nearly 2 ffp. on Wild Pigeons in P.M. when I also went to City Hall for a gun license & called at Aimes to have a mortgage transfer witnessed. C. & E. read aloud to me in hall this evening.

Cambridge - Concord.

Ther SAT. MAR. 15, 1913 Wea

64° at 7.30 a.m. Dull
First Butterfly - a brown one

Cloudy & very warm mostly Showery S.W. wind. Raining most of P.M.

Gilbert & I took 7.50 train to Concord. Hattie drove us to Farm. Pat went with us. Ice thaws & very little ice. Roads deep in sticky mud. River low for season. Only about ½ Great M. flooded. Grass land soggy & brown. Snow deep & lasting drifts in Glens at Farm, yellow amaranths at Baldi Hill. Spent forenoon at Farm after my horses etc. Brown thrasher dropping with mountain Bluebirds, Song Sp. & Juncos & Tree Sparrows singing. "Harry Cross" crowing, Phoebes crowing. Meadow Larks & Flk. Hawks

In Baldi Hill after dinner. Measured flowers beds. Everything started.

Heard Chickadees. Saw Juncos & (4) Phoebes. (1) Red wings near Barrows's

One or two Hylas peeping for 61/2 P.M.

Concord.

Ther SUN. MAR. 16, 1913 Wea

Dull.

Cloudy & mild with fresh & rather cool S. W. wind.

Was awakened through my open bedroom windows before breakfast. Just after it I heard a Bluebird, a Northern Shrike, 2 Chickadees (one owen) & Red wings. The Shrike perched on an apple tree across road in Bowers's field, sang unmusically & very feebly for 10 minutes or more. Saw a Robin in Barry Pasture, this morning & 5th seen flying N. over Brick field. at evening. At forenoon Gilbert & I saw a & Great Blue Heron flying north, at Castle heard song sparrow. Ate of Golden eyed Ducks. at

I took short walk near home 9.10 a.-11.. Hooter calling through day. Walked to Bedford 4-6 P.M.

Concord

Ther MON. MAR. 17, 1913 Wea 7 in

Clear & Cold with blustering N. W. wind. Ground hard frozen at sunrise but muddy at noon. Birds severely silent. Heard no singing whatever. Pheasants around early. Smaller birds very scarce. No Sparrows migration of any amount as yet. No Jays or Meadowlarks & almost no Chickadees. & very few Crows. Strange the Tree Sparrows have not come. How country looks ready for them

Spent most of day about Farm directing men. Paint & 3 men cutting Grapevines, mean barn, Patt Geary ditch in Barry Pasture, Barnes & boy laying up stone wall. In late P.M. I rambled through woods, along river shooting for one of Pasture days Crow

Concord.

Ther TUES. MAR. 18, 1913 Wea 7 in

Brilliantly clear & bracingly cold despite the strong sunlight & a high southwest wind. Ground hard frozen up to 10 a.m.

Heard singing near house at 8 a.m. 2 Chickadees, a Nuthatch, Red-wings & a Meadow Lark (in Barrett's field). A Bluebird singing well at sunset. Hawks are out. Two Sparrows & I saw more to-day & heard first one a fierce twittering. The ground below our orchard has been open most of the time since Saturday but no Woodthrush has been heard there. Altogether the season seems abnormally backward this year.

Spent most of day directing work of the men especially Barnes & Taylor on road & roadway along hillside below orchard.

Concord.

Ther WED. MAR. 19, 1913 Wea
Fine

Brilliantly clear & pleasantly warm with Strong, Steady S. W. wind.

Birds exceeding & unaccountably scarce. Almost no Singing. Heard 1 Song Sparrow, a Meadow Lark & a Bluebird, that was all. Nothing moving in our fields or woods in front of house. No Tree Sparrows & only 2 Juncos — in Brick Field with 3 Chickadees, a Nuthatch & Golden crest. No Hylas or Wood Frogs although the little pools were clear, & the day really warm. Blackbirds are numerous, however. At Sunset I saw a flock of Crow Blackbirds & two flocks of Red-wings flying N. W over Brick Field. Each flock had upwards of 50 birds.

Spent day on Farm, dressing more Beech & Tulip having stems for rest. Perce & 4 men cutting brush

Shawmut Hawk flying high — hawk

Concord
Phoebe arrives.

Ther THURS. MAR. 20, 1913 Wea
54° First Wood Frogs. Stormy

Raining all day, at times heavily. Calm, warm, dusky foggy air most of Phoebe singing may have been in early morn. Dowy dripping Thro Cedars. One Song Sparrow chanting. 12 Juncos in orchard. Bluebirds calling only. 2 Chickadees at Swet. 2 Pheasants crowing lustily. 2 Jays, One from wood, 1 Robin calling. Herring Gulls heard. Clear - Clear - Clear calling in direction from Meadows. Stopping out at 11 P.M. I heard a prodigious uproar of Wood Frogs from cow pond & swamp hole below orchard & also from the wet wood of the Ff. Pines & Ff men arrived at 8 a.m. To spray orchard but started for home on hand Cars. Left & I walked all day raining & pouring & finding out hard harness etc

Fl. Sp and Called Song Sparrow at 6.15 P.M. Thursday

Concord

Ther 64° FRI. MAR. 21, 1913 Wea Fair

Hylas in full cry

Partly cloudy, largely sunny. Showery in late P.M. Early morn calm & warm. S.W. wind later

From 6 to 9 a.m. the air was filled with delightful bird music for first time this year. Characteristic sounds I heard in field & woods a Robin, Bluebird, Phoebe, 2 Chickadees, a Meadow Lark, Tree Sparrow, Song Sparrows, Swamp Tree Sparrows & Juncos. How sweet & tender these voices of early Spring & how thrilling the memory & associations they awaken! Hylas in full cry completes this harmony.

Spent most of day with men. Peter & 4 men spraying orchard with Lime-Sulphur & Nasty Stuff. Peter & Joseph helping. Joseph & I finished up [illegible]

2 Nuthatches & 2 Chickadees at

Concord & Cambridge.

Ther 64° SAT. MAR. 22, 1913 Wea Fair

Claytonia in bloom.

Brilliantly clear with strong, cold N. wind. A Robin singing delightfully at sunrise. ♀ Nuthatches talking off & on at 7 a.m. Phoebe singing near barn. Started Partridge in raspberry patch. Left Concord at 8 & walked to Bald Hill. Peter & 4 men began cutting brush Tops there to-day.

J. worked with Joseph & Peter. We raked leaves about cabins & put up Smoking Bogies by river. Sunny & warm along south side of hill but a raw day elsewhere. Over Bald Hill Phoebes back there again flitting about cabins. Three Song Sparrows, 1 Fox Sparrow, a Tree Sparrow, 2 Chickadees, 3 Goldfinches, & a Partridge at east end of hill, 2 Hawks over there.

Dined at cabin. Started walking from there to Cambridge. Clayton a country road Classic. Crossed river at 4 & took 4.27 train for Cambridge. 7° [illegible] & 5 or 6 Bluebirds recently. Snow cabin [illegible] from Opposite W. Bridge [illegible] Ice thawing at 6.30

Wood Frogs. Spring Peepers.

Cambridge.

Ther 45° SUN. MAR. 23, 1913 Wea 7 a.m.

Easter Sunday

Clear & cool & with little or no wind. Ground froze last night. City lawns fairly green. Lots of crocuses, snow drops & Squills in bloom all over our place.

Heard a Chickadee & a Jay in the Garden & Saw a Robin & a Grackle near the Longfellow place. F. Walker shoveling near our barn at Sunrise.

C. & I walked down to the Services at 10.10. Three to St. Johns at 10.40. Church well filled. After services we called on Will & Susie Thayer at Jack Ames's. Saw Sarah & the Children also. Home by 12.45.

Miss Allyn, Rosamond Dana Webb, Edith Hastings & Kate Hosford dined with us at 1.30. Frank Manning came out to Supper & spent evening.

Cambridge.

Ther 66° MON. MAR. 24, 1913 Wea 7 a.m.

Sunny but hazy. Very warm with a fresh gale (60 m. at Blue Hill) blowing from S.W.

Garden alive with birds. a ♂ Robin, a Chickadee, White thr. Sparrows, ♂ & Downy ♀ Hairy, ♂ Flicker, a Blue Jay & 14 Crow Blackbirds (all ♂?). The Hairy & Downy Woodpeckers spent most of forenoon on ground on flower garden pecking at Stalks of woody Stalked perennials recently cut off & probably also with grubs of some kind. The Woodpeckers hopped about freely & not very ungracefully.

Spent most of day in Museum working Letters & reading a little on Pigeon Story. At 4.30 went with C. to wedding reception for Horace Gooden at the Scotts on Channing St. Harold Bowman called at 6 & Pa. & Stayed until 10.30

Cambridge - Boston
First hyacinth

Ther 70° TUES. MAR. 25, 1913 Wea Dull.

Earliest Spring date.

Cloudy with fresh Southerly winds. Heavy thunder shower at 7 P.M. Very warm & humid all day. Vegetation now abnormally advanced. Parkmanns apple trees green with unfolded leaves as broad as one's finger nail. European larch also green. Lilac buds unfolding. Cornus Mas in full bloom. Hyacinths in bloom front of Museum. Crocuses passing. Jonquils in full bloom yesterday on Chauncy Street. Earliest season I can remember.

To Boston at 10 A.M. Deposited $5.00. in Prov. Inst. Sav. $200. in Suffolk S. B. At our office 11-2.30. Signed quarterly Estate Cheques, Invested $25 000 of Estates money in Mass Town Notes & bought for my own account 20 shs. Pacific Rubber Co. Home by 3.15. Wrote letters until 6. Called on Rosamund Dana, Wards & Kate Horsford in evng.

Cambridge. Boston

Ther 70° WED. MAR. 26, 1913 Wea Stormy

Raining heavily all day. Rather cool with easterly wind.

A Chickadee & 2 Blue Jays & a Robin in the Garden.

Spent day in Museum working on Wild Pigeon Skins. Went 4 ff. & some tellins; also

To Boston this evening to We Dine at Jacksons. Every member of the club except Thaxter was there. Barbour had just come back from Cuba with rich Spoils of birds. Bent is going to Grenland & Ellesmere Land, in July.

Came out about 12 o'clock leaving town at 11.30

Ther 68° THURS. MAR. 27, 1913 Wea Stormy

Raining heavily all day. Very warm. Clearing & colder by night. Vegetation advancing rapidly — now 3 weeks ahead of normal. Lily leaves as broad grown as in May; Parkmann's apple, Spiraea, Scarlet Japonica barberry already green with unfolded leaves 3mm as broad as my little finger nails Lilac buds bursting into leaf.

Hyacinths in bloom in front of Museum. Sweet drops & crocuses pass their prime.

Worked all forenoon on Pigeon story adding a fresh page & type wrote it. Outram Bangs called at 2 P.M. to study my Quail He will describe a new thrush from there. Miss Harris (correspondent at Mrs. Brewer's 9 A.M. & had triangle with him about birds

Ther 30° FRI. MAR. 28, 1913 Wea Fine

Clear & cool with light northerly winds.

In the Garden & a Chickadee, 1 Nuthatch, Blue Jay & 6 Hairy W. Woodp. is the March flight of migrating Sparrows! Not one has appeared here as yet. I especially miss the Tree Sparrows. Where can they have gone to?

Spent forenoon in Museum rearranging & putting away things particularly the M.S. pages of my Umbrage Story: I have written 4 C. have expanded into 164 of them since last November.

In Mus. Comp. Zool in P.M. Talked with Sam Henshaw, Outram Bangs & Thos Barbour. Saw many interesting new things. Dr. John B. May called on me this morning

Cambridge - Boston

Ther Mon. MAR. 31, 1913 Wea
Forsythia in bloom. Dark.

Cloudy & mild but chilly, with occasional showers.

Robin singing & Chickadee chirping in Garden in early morn. A Chickadee & 2 Blue Jays seen this a.m. Robin seen in Dandelion flower & flock of 14 Crow Blackbirds in Greenleaf pasture, Brattle St.

In Boston at 10.30. Gilbert escorted Silver trunks to Est. abroad for Mr. Vanderlip. I called at Mr. Lawrence's office & drove to mortuary of Geo Kellett Estate before Hon. Brown. Comm out at 12.30 & went to Miss Gage's tea rooms to lunch given by C. for her reading class, Namely all those I'd broken up at 3.30 returned & recalled hymns. Michael Mallon called at 5. E. R. S. read newspaper to me in bath (Tues. Comm.)

Cambridge

Ther SUN. MAR. 30, 1913 Wea
Fair
First jonquil in Claybanks.

Calm, mild, thin clouds scaling fly. One jonquil in bloom front of Museum. A Song Sparrow singing in Garden at 9 a.m., a Robin at 6 P.M., a Chickadee at intervals through day. At least a dozen Crow Blackbirds there, also a Chickadee & the 1st Peabody bird which we have heard all winter.

Met C. at St. Johns at 10.40. Dr. Hodges preached a good sermon. After church we called on Miss Sopley Howard at the Haywards'.

Mr. & Mrs. Sawyer, Mary Greenough & Miss Allyn dined with us at 1.30 & stayed until 3. After that I wrote letters until 6.30. Walter Deane called in evening (8-9)

Cambridge

Ther Sat. MAR. 29, 1913 Wea 7'm

Clear, calm, mild. Ground hard frozen in early morning. Trees not seem to have burst recently unfolded leaves. Grass naturally green.

A Robin, Chickadee, 7 Sparrow ※, 9 Downy, 2 Jays & 14 Crow Blackbirds in the Gardens.

Spent forenoon in Museum working on Gardens odd books. Overhauled M.S. of Ornithology book to put in Storage for Summer. It will contain over 400 printed pp. like Thesis of Comb. Birds

Aft 2 P.M. walked down to Radcliffe with E.R.S. & Walter Dearborn to see operetta Egyptian Princess - very pretty & good. Octavia here when I got back. Saw Mary's position of Principal. Wolfgang: Will & Alice Stearns & Mary Purdee dined with us & stayed until 9.30.

Cambridge - Concord.

Ther TUES. APRIL 1, 1913 Wea 7'am

Sunny but the sky veiled in thin clouds or thick haze. Cool with raging W. wind.

In the Garden heard a Crow, a Robin, a Flicker ※, a Downy, the Peabody birds (※), a Blue Jay ※ (with various subdued liquid & gurgling sounds some rather musical). Saw about 6 Crow Blackbirds.

C. left house at 11.30 to take 3 P.M. train for Lyme, Conn. E. started earlier. I walked down to join with C. Spent most of day in Museum working Cabinets & Drawers. Took 5.05 Train for Arlington for Bedford & trolley car thence to W. Bedford where Gilbert met me. River meadows well flooded & white-capped waves (many over there where ice crowded to Both H. & where we are to stay ?) I. arrived.

Concord.

Ther WED. APRIL 2, 1913 Wea Fine

Brilliantly clear with raging N. W. wind. Flooded meadows white capped

Spent forenoon at Ball's Hill working with Pat raking flower beds & clearing up rubbish near cabin. 2 ♂♂ Bluebirds fighting over a favorite Cavity beneath the gable with Cabinet (high) & a Pitch Hawk heard.

To Farm in P. M. In Burdin's pasture saw on ground 2 Robins, 6 ♂♂ Bluebirds, 7 ♂ Pine Warblers. One Robin in Brick Field. 20+ Juncos on Farm. Robin & Marsh Hawk at Kelleher's place. Redwings singing near Burdin's & always more at Derby's Pond. Song Sparrows singing.

Pat has seen no Bluebirds this spring as yet (5th) Black Ducks in Bittern, Fairy & from Muscle Rock Hillock. Hens brought 80 c

Concord

Ther THURS. APRIL 3, 1913 Wea Dull.

Cloudy calm & mild but chilly. Grass green in pastures. Red maples in fullest bloom. Claytonia & Hepaticas showing some blossoms. Also daffodils

Spent day at or near Ball's Hill transplanting Trees &c. In forenoon Pat & I moved several hemlocks & set out on down Cedars, Norway Spruces. In P. M. Pat & Zeph transplanted asparagus roots & little white pines from Brown Field to plant on hillside above small house. We also moved barberries. Song Sparrows, Red wings & a Robin singing & Phoebe calling, seven Hens out 7 A. M. 4 Swallows over river. 2 Black Duck flying low & 2 Golden eye in water on Great Meadows at 9. Pair Hooded Mergansers seen by Fairy at 2 P. M. Dead Salmon at Beaver Dam above a Chub S. E. wind all day blowing.

Concord.

Ther WED. APRIL 2, 1913 Wea Fair

Brilliantly clear with raging N. W. wind. Flooded meadows white Coffee

Spent forenoon at Ball's Hill working with Pat raking flower beds & clearing up rubbish near Cabins - 2 ♂♂ Bluebirds fighting over a favorite Crow breasting the gale with Cabbage light & a Pair Hawks hovering.

To Farm in P. M. In Burdin's pasture saw on ground 2 Robins, 6 or 7 Bluebirds. & ♂ Pine Warbler. One Robin in Brick Field. 20 + Juncos on Farm. Robin & Marsh Hawk at Kelleher's pond. Redwings singing near Burdin's & above river at Derby's Ferry. Gilbert saw Fox Sparrow & Bluebird on Farm 9 a.m. Pat has seen no Ducks this spring as yet. (54 Black Ducks in Biscuit, Fairy & few Wood Ducks Hillock. Hog Bay 80 +

Concord

Ther THURS. APRIL 3, 1913 Wea Dull.

Cloudy calm & mild. But chilly. Grass green in pastures. Red maples in fullest bloom. Claytonia & Hepaticas showing fewer blossoms. Also Caltha

Spent day at or near Ball's Hill transplanting lilies &c. In forenoon Pat & I moved Orchard, Lombardy & Silver Maple on Grave Mound on P. Pine Woodpecker sang very softly at 2 P. M. Dead Salmon at Derby's Ferry eaten & Chub S. E. wind & blowing.

Concord

Ther FRI. APRIL 4, 1913 Wea Dull

Cloudy with strong, chill N.E. wind. A bleak, dismal day.

A Robin, a Meadow Lark, Red-wings & Song Sparrows singing across river in early morning.

Moved to Farm at 8 A.M.

Spent most of day working with Ralph & Pat transplanting cedars near front of lane. We moved [illegible] about 8 to 10' tall. Farmers scattered about, engaged sawing, splitting & working on road. Robins & Bluebirds & Meadowlarks on hand. Gilbert Hosmer & Sam Hosmer on hand. Phoebes singing a little. Pair Bluebirds on Potter Hill. (2) Chickadees there [illegible] Farm.

Concord

Ther SAT. APRIL 5, 1913 Wea Fair

Forenoon cloudy; afternoon clear & calm. Fresh, cool N.W. wind rose just before sunset.

Birds singing all over the Farm during rest of forenoon. Heard nothing new except a Great Tit & Chickadee, the latter calling only. Most of the noise came from Phoebes (2 or 3) Chickadees, Bluebirds (2 or 3), a Robin, 2 Flickers, & Song Sparrows.

3 Song Sparrows & Fox Sparrow singing. Not many Song Sparrows. What can have happened them.

Spent day working with Ralph & Pat. We removed all the Potter cedars in lane to form a hedge at E. end of house. Also removed three large cedars

Ralph & Pat to the Bluebirds

Concord

Ther SUN. APRIL 6, 1913 Wea Snow

Clear at sunrise but Cloudy through day with Snow Squalls every now & then & a bitter cold blowing out of the North; altogether a Cheerless day with but little sight or sound of bird life.

I was out about Cliffs with the party looking for the Seaside Plantain etc. in the forenoon; H. M. Spelman with his son & young Bakers (of Cambridge) came on bicycles at noon & stayed half an hour. In the afternoon I stayed in doors & wrote, & let a Collector, Fletcher Manning, & Lucile Swazey in early forenoon, a Robin on wing & Song. A Tree Sparrow singing delightfully

Concord

Ther MON. APRIL 7, 1913 Wea Storm

Cloudy with high raw N. W. wind and frequent brief but dense Snow falls, the Snow coming at times on blinding gusts & whitening the ground which, at daybreak, was Snow covered every where to a depth of almost an inch.

I spent most of day in woods near Pulpit Rock working with Pair & Left digging trees, chiefly Balsams & Hemlocks. Four birds seen or heard. Thurs. S. O. Dexter came down at noon to dine with me. We had long by ourselves talking. About 4 P. M. we saw a ♀ Marsh Hawk pounce down into bushes in Barry Pasture. Found there a dead Robin, with recent flesh eaten (Cf. Journal) At 6 P. M. saw a ♂ Hawk flying low over Barrett Field into Pulpit Rock from woods

Ther TUES. APRIL 8, 1913 Wea

Weasel & Musk-rats Fur

Brilliantly clear with cold N. W. wind
Ground frozen & pools iced all day long.
Spent forenoon in cedars, front
of barn, cackling with Pat & Zeph.
Cut down a lot of big branches &
grubbed up brush along new road.
Saw Fish Hawk soaring low &
heard Cooper's Hawk barking.
Gilbert moved our things to Bath
Hill at 10 A.M. I walked down
at noon. Saw a Weasel as big &
red as a Red Squirrel (for which I
at first mistook it) in wall across
our Cary road cellar Pulpit Rock
woods from the Farm. Dined at
Cabin. Then I & Pat heard Musk-rats
in floating frost hearts & presently
saw two cavorting there in the
water as they swam to & fro.
Spent most of P.M. pruning barberries
balsams, & cedars dog at Farm.
Saw Kingfisher, Fish Hawk & 2 Gulls.
Dr. & Mrs. Emerson with Raymond
called on us at Cabin at 4 P.M.

Ther WED. APRIL 9, 1913 Wea

Clear & Cold with high N. W. wind.
Ground hard frozen at sunrise.
Took 8.06 A.M. train from W. Bedford
Fish Hawk soaring over river as we
crossed it. Tree Sparrow singing with
a few notes in forest back near Station
Reached home at 9, changed clothes &
drove to Museum Comp. Lect. others &
Hunt Emerson with Hubbard, Bowdoin
& Bangs. Museum directors explored bog
near canoe house. Back to town at 1.
4 Tree Sparrows 1 White-throat & 1
Song Sparrow, a Titlark, a Jay &
several Coot Black-birds on Garden
Meeting Road. Saw Deer on river
Bridge 4-5:30. Home again by 6.30.
Miss Saffin called on Mrs. Harrod
at Mrs. Sanborn's & had a
delightful talk of an hour with him

Cambridge - Boston - Concord.

Ther THURS. APRIL 10, 1913 Wea Fine

Clear, calm, warmer.

In the Garden 7 or 8 Sparrows 1 ♂, Song Sparrows 1, Chickadee 1, Jay (3), Robin 2 ♂, Flicker 1 ♂, Downy ♀.

To Boston at 10.00. Spent an hour in office, bought flowers seeds at Potter Fisk & Rawsons, Shoes etc. on Dunstan St. Lunch at Bennet O'Gorman. Took 1.45 Train for W. Bedford. Spent most of T. walking through woods near Ballš Hill. Saw first Yellow Palm Warbler. Also a Fish Hawk. Pair Meadow Larks singing. First chorus of Hylas in pond near Benson's Wood.

Concord.

Ther FRI. APRIL 11, 1913 Wea Stormy

Raining all day, at times heavily. Warm with light southerly winds.

Spent most of day in cabin rearranging things with Gilbert's help. Walked to Pinckett shed in forenoon Pat was felling it with wood brought from Dove Hill yesterday. 2 P.M. Took small floating boat home & Gil took it across river with Zeph & Pat helping. After they had left I strolled over Ball's Hill & through Pine Park. Started 3 small hen Partridges together on crest of hill. Gilbert started them in the east end this morning. Very fine small birds. (4) 7 or 8 Sparrows of sorts in B.H Swamp. Plenty of Robins. Song Sparrows everywhere. Hylas in full chorus this evening

Concord.

Ther SAT. APRIL 12, 1913 Wea Rainy

Cloudy & very warm with light Southerly winds. Raining all forenoon. Field Chippy * & Field Sparrow * Birds singing freely & plentifully every where all day long. Very many must have come last night. At Ball's Hill I heard a Robin, Chickadee, Pine Warbler, Song Sparrows, Red wing & Meadow Lark

Moved to Farm at 8.30 & spent most of day transplanting trees & setting out plants. A lot of fruit trees from Chas Hosmer arrived by express & were heeled in. All day long I was surrounded by every delightful bird sound in Robin's, Bluebird, Jarvis, Song Sparrows, &c. Both of all the Cuckoo hooting calling by Tree Swallows about three o'clock. I hear Phoebe began nest

Concord

Ther SUN. APRIL 13, 1913 Wea Rainy

Raining all day, at times hard. Cooler with light N.E. wind.

Spent forenoon in house writing letters; afternoon out of doors strolling about outskirts of Farm & Triangle Brush Field cutting off brown tail nests & pressing egg clusters of tent caterpillar off wild cherry saplings - a better & cooler way to deal with these pests than to wait until they hatch & form their nests. Saw many birds in evidence. A Cooper's Hawk soaring in distant oak in Brush Field. A Robin singing there, another at Peterhouse, a third at Farm. 2 Jarvis. Thousands croaking & flapping wings

Concord

Ther MON. APRIL 14, 1913 Wea
Fair

Partly sunny, largely cloudy, cool with light easterly winds

The Farm alive with birds, flooding the air all day with most delightful music such as I remember in boyhood at the old place in Cambridge. There were Robins, Song Sparrows, Juncos, Grass Finches, a few Sparrows (Glorious performers) & Field Sparrows, Flickers, Chickadees, Phoebes, a Meadow Lark (rare one) a drumming Partridge (in Rain) & crowing Pheasants. Best & broadest of all & my ears were the happy voices of the Song birds.

Spent most of day in Pulpit Rock swamp where we had four big brush fires going, a new man began work to-day.

Peter Came down to dinner with new pet name. He walked to Battle Hill Cabin

Concord.

Ther TUES. APRIL 15, 1913 Wea
Fair

Cloudy with occasional brief gleams of sunshine. Strong, cold, east winds. Altogether a rather harsh & gloomy day.

I spent it among the cedars at foot of lane working with Zeph, Pat, George & Tom. We had two big bonfires going & by means of them disposed of innumerable heaps of brush made trees last Fall autumn & this Spring. We also cut a good many more bushes. Zeph hauled all the wood out to roadside near Robbins place. John Flannery came at 11 & six others to work on this new flower bed by barn. Hardly any bird songs save that of the Sparrows & Chickadees.

Cock Pheasant

Concord

Ther WED. APRIL 16, 1913 Wea
Stormy

Gloomy, chilly day, heavy
hard rain & time although
the wind was north west.
The attack of rheumatism that
began Sunday ago was
continued to day with some,
increased touch so that it
was all I could do to move
about enough to dress my
self. We tried to plant some of
the necessary stock but the
rain stopped us by 10 a.m.
John J. Cassidy sent down his
man who worked with a
double Tip Cart until noon
digging out a path for the
man from garden entrance of
the barn. Olsen also came to
clear roads. I stayed in
most of afternoon.

Concord.

Ther THURS. APRIL 17, 1913 Wea
7 a.m.

Brilliantly clear with light
northerly to easterly winds.
Cool at morn & eve

Birds seemingly scarce &
for the most part silent.
Silent. Heard singing only
Song Sparrows (2), a Chippy,
a Chickadee, a Flicker & a
Meadow Lark. Thousands crowing
only a little, no Robin singing.
Both Phoebes building all three
Pewees seen. Their nesting done.
No peeping of Hylas. "April hush"
evidently on them.

My rheumatical pain gradually
getting easier. It kept me in
doors most of day but daylight
& I ascended a set of front door
& greatly enjoyed view. Put to bed.
Helen paid Dr. Chamberlain's

Concord.

Ther FRI. APRIL 18, 1913 Wea
7'me

Clear with Strong S. W. wind.
Much Warmer.
Ruby-crowned Kinglet singing delightfully in Lane at 7.30 a.m.
Rather more than an hour later I was standing in front of barn with Pat when the faint honking of Geese came to my ears. The next instant we saw the flock, about 40 strong, flying N.E. over Birch Field so unaccountably low that the tips of intervening pines near Twilight Rock partly intercepted our view of the birds. The cock Pheasant paraded several times in front of hens. Almost as beside song sparrow saw the Kinglet & 2 Song Sparrows. An idle day for me. The rest of occasion taught I used with them on A.M. but did nothing although my hands were less than yesterday

Concord.

Ther SAT. APRIL 19, 1913 Wea
Fine Southerly Good day. 7'me

Clear with strong, cold W. wind
Heavy rain Last night.

First Solitary Vireo* in the Run. Birds singing delightfully in every direction in early forenoon, among them a Purple Finch, Vesper Sparrow, 2 Song Sparrows, Junco, a Robin, Flicker, Meadow Lark, Yellow Palm Warbler &c. 5 Swallows about Leaves, one from building. Both pairs of Phoebes building, their nests severely injured. Cock Pheasant parading over marshland. Daffodils in Lambert Storm. Barberry & gooseberry bushes in leaf. Last Coltsfoot blossom seen. Setting out trees & plants by A.M. J. C. Melvin called on P.M. My hair nearly gone but I am glad yet of a small crop of

Concord

Ther SUN. APRIL 20, 1913 Wea 7 fine

Clear & cold with high N.W. wind
Ground frozen at Sunrise. Very
little apparent warmth in the
sunlight even at noon. The icy
wind penetrated everywhere.
Spent forenoon in house reading
"Ivanhoe". Driven called to see
me about spraying nigh mouth.
Walked to Bulls Hill & back.
in. P. 11. (2 - 4.20), 2 Robins,
2 Chippies & 4 Juncos in Barrows
pasture. Pine Warbler & 4 Juncos
at Cabin. & Tree Swallows over
river. Water very high. Heard
chorus of Peepers at Cabin. Started
2 Partridges from brushy woods
in flooded Bulls Hill Swamp.
2 Yellows rumps, 2 Yellow Palm W.'s
& a Chickadee together on Pine Hill.
Osprey sailing over Bulls Swamp.
Four Juncos & 2 Song Sparrows only
Crocus seen about Hornbeam.

Concord

Ther MON. APRIL 21, 1913 Wea 7 fine

Clear with light westerly wind.
Early morning cold with ground
frozen & high N.W. wind. Afternoon mild.
7 visit to Hubbard Cor. Sparrows (Bells W., Gilbert)
Spent forenoon in Cedars staking
out the new road way there &
selecting places for planting Camp etc.
Solitary Vireo singing. Yellow Palm Warbler
Purple Finch *. Blue Bird flying.
Dryden came down to dine. While
at dinner Juncos feeding on hemp
seed under the window & saw
a Field Sparrow: the remainder
there coming many minutes.
After dinner we walked to Beech
Field. No Grackles there. Robin &
Vesper Sparrow & Juncos singing &
Barn Swallows hawking over house.
C. went to Concord by 4-day to
attend Funeral of the landlord we

Concord.

Ther TUES. APRIL 22, 1913 Wea

First mosquitos biting 7 am

Sunny & warm with light, soft Southerly winds.
First Bittern & Pied billed Grebe
Dandelion (one only) Blood root,
moss pink & hooded violets.

Spent most of day at
Farm superintending work
of men. Tom was getting loam
for circular flower bed in front
of barn & Tim was hauling sand
& wood out into road to Burdens.
Saw & heard only a few first birds.
Started for Ball's Hill at 4 P.M.
Partridge drumming in Birch Field
another near the Spring. On reaching
river heard a Bittern pumping &
Coot & Pied-bill Grebe. Two Robins
& a Phoebe singing near cabin at
sunset. Delightful singing of Tree sparrows
scattered over flooded meadows
Saw a Hawk & song Sparrow.

Field sparrows & Hylas & a...

Concord

Ther WED. APRIL 23, 1913 Wea 7 am

Raining in early morn. Sunny after 8.30.
Uncomfortably warm with light S. wind
Robin, Phoebe, Song Sparrow & Redwings
singing delightfully close to cabin
in early morn. Also Pine W. & Chickadee,
2 Yellow-rumps & 2 Yellow Palm W.
in fruiting cabin. Swamp Sparrows
in swamp behind hill. Bittern & Coot
Started for Farm at 8 A.M.
Spent day stalking on roads &
observing things about. Tom, Seth,
Jerry & Tom Sheehan ploughing brush wood
Plenty of birds about &
singing freely all day. Partridge
drumming in Cedar Swamp. Song Sparrows
twittering everywhere about all
the time. Well Stream forced
now at 5.30 P.M. We heard a
short rainfall before daylight

Song Sparrow

Field Sparrow

Hylas

Song Sparrow

Concord

Ther THURS. APRIL 24, 1913 Wea
7 a.m.

Clear, calm, very warm
First Dendraca virens (2 ♂ ♂ ♀)
Saxicola (7)
Starting at 8 a.m. Will Stone &
I walked to Ball's Hill & back.
Birds singing freely - not very
numerous - evidently scattered.
Saw 6 Black-throated Green W.
in Brick Field & heard another
on Pine Hill. Yellow Redpoll
& Tawny Pipits singly or two &
three together in various places.
We went to Pulpit Rock first
after dinner & through Betty Pathur
as evening. Only one Robin
singing. Swallows about Depot all
day. Sphyrapicus varius & Hylocichla
ustulata also in thicker Cedars.
Hylocichla & Turdus in full chorus.

Concord.

Ther 80° FRI. APRIL 25, 1913 Wea
7 a.m.

Clear, calm, very comfortably warm
Cool southerly breeze at evening.
First Brown Thrasher & Mniotilta varia
No indication of any considerable
bird wave. Toads & Hylas fetching
the air with deafening clamor
especially after dark. First shad
bush blossoms (only one or two fully
open). Blood root just in flower.
Plum & peach trees in full bloom.
Will Stone spent forenoon playing
golf at Concord with Smith Dexter
who found a Mniotilta there.
I walked to Ball's Hill & back
but found nothing new. Pat down
I Brown Thrashers - near barn house
at 5 P.M. I found one three Cedar
Brown Creepers singing steadily on
Pulpit Rock woods 8-1 9 A.M.
Will Stone & I heard to Hermit Thrushes

Concord

Ther SAT. APRIL 26, 1913 Wea
72° Gypsy M. Carow hatched 7 a.m.

Clear & warm with light W. wind
No arrivals noted. Birds seemed
rather scarce & but few song
feeding. Listened in vain for.
Thrashers. Vegetation advancing
by leaps & far ahead of any season
I remember. Shad bush & Vedas
fade in full bloom on sunny
slopes. Barberries & gooseberries in
nearly full leaf. Dandelions in
bloom. One nest of Gypsy moths
covered with nearly hatched larvae

Spent most of day near farm
house. Pat & Tom cleaning up
flower garden. Zeph hoeing and
seed sowed. T'Connery & Tarrow worked
from 7.30 to 10 & then broke Hough
& spent hours. Our mare sleeped.
Allen Stone arrived by 4.30 train
She & Ned & I walked to Battle Mill
& back (5-7 P.M.)

Concord.

Ther SUN. APRIL 27, 1913 Wea
7 a.m.

Sconny with chill E. wind.
7 a.m. Nashville Warbler (♂ ♀) } Near
" Towhee (♀) } Shattuck house & A.M.
Out before breakfast crossing
Tent caterpillar nests. Spotted a
Cat bird between 6 & 7 P.M.
Rear cherry buds bursted with Chrom
Birds apparently scarce. Very little
singing. At 10.30 Edward came to
Concord for Alice Keyes who
came down to spend day with
the Stones & me. We walked
to Brister Hill before dinner after
it we sat on bowlder by house
talking. At 4 P.M. Tullis mare
came & drove us to Concord.
Stopping first at Miss Keyes' house
for night. Went to the Emersons
where we found Edward, Ellen,
Raymond & his bride, Harry Forbes
& Edward Bliss. Home by 6.

Concord.

Ther MON. APRIL 28, 1913 Wea
Stormy

North-east storm with very heavy rain at times. Rotten cold.

Went out before breakfast saw 9'orm but noted only a few birds & none new to my list. Spent most of day in house talking & writing letters. Mr. & Mrs. Dexter drove down from Concord & dined with us at 1 & to stay until 4. At 4.30 the Storm & I started for a walk along the public road which we followed to the Cassandra bend beyond. We saw or heard at least a dozen Robins & 3 Bluebirds. The rain had ceased but there was a strong east wind and some mist driving before it. Robins sang freely..

Concord

Ther TUES. APRIL 29, 1913 Wea
First apple blossoms. Delightful.

Cloudy & cool with fresh E. wind. Light rain in early morning.

First Hermit Warbler & Gold. in Lilacs front of house. Scolding at pair of Tree Swallows perched on bird house in which a Wren nested last year. Scolding them again at 11 A.M.

Spent forenoon about 9'orm with the Storm, strolling about in orchard & woods. Saw only a few birds.

In P.M. (3-6.30) we walked to Ball's & Davis Hills. Many fine birds noted there. River falling rapidly & much of grass covered meadow now exposed.

At the 9'orm two apple trees are covered with pink buds about to burst & we saw one blossom fully open. Many trees covered with green catkins

Concord.

Ther 38°-50° WED. APRIL 30, 1913 Wea 7 in

Clear & cool with fresh N. W. wind.

Spent most of forenoon in house talking with the Stones. At 11 hr started for a short walk in the woods. The harsh winds & cleared most of the birds, & but few were heard. Saw a Fish Hawk flying high over the orchard N. E. Will Stone found nest of a Pheasant egg from ground under big pine in Potter's Back woods. A male Pheasant seen at noon ~~was~~ one in field feeding. Mrs. Stone left us at 2 P.M. To spend night with Chas. Hayes. Will is spending a hour with me.

Concord

Ther 34° THURS. MAY 1, 1913 Wea 7 in

Clear with light W. wind. Early morn. very cool. Day rather warm. Vegetation far advanced. Lilacs & barberries in nearly full leaf. Apple trees covered with young foliage & many blossoms open. Shad bush & Cornelian in full bloom. Grass tall in places & fields very yellow green. Blueberry bushes in bloom. General aspect of country suggestive of June 10. Small birds of every kind common comparatively scarce. No well marked migratory flights for month or more. Blue Jays almost wholly wanting. Robins, Chippies & Barn Swallows first in numbers. Have heard no Thrasher song as yet. Very little singing of any kind. altogether a strange spring. Spent most of day working with the men. Planted flower seeds with Pat in P. 22. Will Stone left us at 12. He was with us about an hour most of forenoon.

Concord (Farm)

Ther FRI. MAY 2, 1913 Wea
72° First Bat in shed. Fine

Clear, warm, windless.
First Blackburnian Warbler, Cat Bird & Bobolink, Gen. arr. D. virens,
Spent most of day in Pulpit Rocks woods overseeing the yarding of birch wood cut recently & the clearing up of brush. Zeph & Tom working with our horses, Burton, assisted by George, under his [illegible] old "John" horse. Heard a Blackburnian Warbler singing in the big pines. Also heard also heard D. virens singing for a short while all day. Then were also a Red shard. Hawk screaming & a Solitary Vireo singing delightfully. The drumming [illegible] of Partridges heard. Bobolink heard by Hayden on Concord. Santa Maria Catalpa with buds in big clusters, dear [illegible] Swamp Maple [illegible] nearly full bloom.

One Bat in third shed this visit.

Concord (Farm & Ball's Hill)

Ther SAT. MAY 3, 1913 Wea
Gen hatching Gypsy M. Larvae Fine

Clear, calm, warm. Fresh east wind in late P.M.
First Chestnut-sided Warbler at Farm
" Nesting bird at Ball's Hill.
3 Phoebe's nests with 5 eggs each.
Thrasher & Catbird in fine song.
9 Bats in shed at Farm.
First general hatching Gypsy Moth larvae (coming out by thousands everywhere on trees)
First Towhee's Loud Songs (Ball's N. & Path)

Spent forenoon at Farm closing up things there & planting the Cast flower Seeds. Birds singing freely but not many of them.
House Wren in full song for first time & evening, big flight of hawks. Moved to Ball's Hill first open drum. Spent afternoon planting flower Seeds there & clearing up trash. Nest [illegible] Wood Duck & Young from Red Lily

Concord (Ball's Hill & Farm)

Ther SUN. MAY 4, 1913 Wea
Fine

Clear & warm with cool E. wind.
Spent forenoon at & near
Ball's Hill planting seeds of
Euphrasia & partridge peas in
considerable quantities.
Comparatively few birds & not
much singing from them.
Heard a Bobolink in full song
& saw a Chewink & a
Hermit Thrush. Saw Chestnut backed
Chickadees. Heard Spotted Sandpiper.
3 Red Shouldered Hawks sailing
circling & screaming loudly.
A perfect explosion of Canada geese
over with much honking. Both
a loon & common or white
Weasel in P. U. Brig
yard & frightened them. Several
Ospreys over fresh Meadow. Heard
Meadow Lark & Orchard

Concord, Cambridge, Boston, Wolfeboro.

Ther MON. MAY 5, 1913 Wea
Fine

Clear & warm with light S. breeze.
To Cambridge by 8.13 A.M. train.
An Oriole (Baltimore) & Brewer's Blackbird
& 2 Meadow Larks singing in N. Bed.
Spent about an hour at our house.
Saw a Robin & a Chickadee on
the Garden. Martin in Fellow Room.
To Boston at 10. After getting hair
cut & trimmed & gloves. Boarded
Wolfeboro Detroiter with Kenn
Left Boston at 1.30 & reached
Wolfeboro at 5.30. Vegetation
about as forward as near Boston.
Plum trees in full bloom; apple trees
almost out. Heard Hermit Thr.
& Junco. Cordial welcome at the
Halsey's. Mr. N. & J walked over
grounds before dark. Later called on
Mrs Carrolls Jones & Mrs Curtis & on
F. B. Scott.

Wolfeboro

Ther TUES. MAY 6, 1913 Wea Fine

Clear, calm, very warm.
Awaking about Sunrise I heard singing near here a Warbling Vireo, Yellow-Throat. Brown, Robin, Chipping, 2 Scarlet Tanagers, Towhee and Hermit Thrushes. Heard Calling of Purple Martins just above our Grounds. Saw Spotted Sandpiper on Rocks in Front of Hotel and Common. Apple Blossoms out in Va. Saw both Boats in Harbor about R. R. yesterday.
Breakfast 7.15. Simple Service of Singing & Prayer in Academy, 8.45. Spent forenoon in Teachers' Room talking in nearly all. Mr. Pound Memorial Service at Union Church at 2. At 3 Mrs. Haley & I called on Mrs. Maxwell & Dear Little Orrie Tod Cobb. She has many good things in it. At Library 4 to 5 playing with Elsie Haley for exercise. Called on Judge Albee in his Office 8.9. P.M.

Wolfeboro - Boston - Cambridge.

Ther WED. MAY 7, 1913 Wea Fair.

Forenoon cloudy; afternoon sunny. Took 8.10 train from Wolfeboro reaching Boston at 12.10. Lunched at Marsini. Spent afternoon in our Office. Had long talk first with Arthur, next with Stod Bullock, of Quincy finishing up with his conclusions at Wolfeboro. We decided to let Miss Geary, Miss Bates & Mrs. Jewett go at the end of this Term & to keep Haley at least one more year. I telegraphed Haley to offer Miss Moore $900 & also dictated long letter to him. Home by 5.30. Strolled about garden & Common with Percy. Clear calm evening. Took Epsom Salts dose in Anticipation Glorious. Robins nearly Every bird Song & Sound. Home. Shaved & bed Robins! The Cuckoo at last his old Self!

Cambridge - Concord,
,Starling (♂), Bittern showing white flanks

Ther THURS. MAY 8, 1913 Wea
Apple trees in full bloom - 7 in

Clear with fresh, cool east wind.
Spent A. M. in Museum writing letters.
♂♀ Robins & nest, Chippy *, Oriole,
(♂♀) Grackle, 2 Jays & a Swift seen
or heard in Garden. To W. Bedford
by 2.08 Train, Oriole, Bobolink, Chebec
+ 2 Meadow Larks near Stoddard, Near
Stevens Coal house pair Bitterns in marsh
the ♂ pumping with head white flanks
conspicuously displayed, looking as big
as a wings of Meadow Larks. At Farm
4.30 - 6 P. M. Crested Flycatcher,
Thrasher *, Red-start *, Oriole & Chebec there
Walked back via Brick Field. 2
Cow Birds *. At Pine Point saw Rabbit
peeping out hole under wood shed
& a ♂ Starling that flew past me
within 30 yards but was not working
a loud humming sound. Soft Red
Bunting Chebec & Oriole on Grant M
Apple trees in full bloom

Concord.

10 Ther FRI. MAY 9, 1913 Wea
After blossoms shedding Mixed.

Forenoon cloudy with light rain.
Afternoon sunny with cool N. wind.
Spent forenoon at Ball's Hill
weeding flower beds & planting seed.
Very few birds & those mostly silent
Almost no singing in early morn.
At 8 a. m. heard a Wilson's Black Cap
in full song near E. end of hill.
Saw a Veery in front of
cabin & heard a Thrasher call in swamp
Moved to Farm after dinner
walking up. Thrasher singing
frequently in Grandma Rice's lane
& Chebec near Bungalow. & Bobolinks
across road. Apple trees on
western rocks with petals beginning
to fall. Rhodora making great
show. It has spread widely where
planted in Orchard & also
in Berry Pasture

Ther 48° Mor. SAT. MAY 10, 1913 Wea Fair

Sunny but cold with strong, harsh N.W. wind. Snow squall on 9 a.m. Ther. rose only to 48° in middle of day. Spent forenoon in house writing letters. Smith Dexter came down to dinner. We walked to Bull's Hill after it. Very few birds seen or heard. Blackbirds in Meadow singing on Pulpit Rock, and two in Prescott pines. One meadowlark seen and all at once a Fish Hawk & a flock of 5 Black Ducks flying over it, a Bittern in the marsh across it & another rising from the shore on our side.

Edwin De Merritt & his daughter Florence arrived at 5 to spend Sunday. We went to Bull's Hill before supper.

Ther 33°-52° SUN. MAY 11, 1913 Wea Fair

Clear & cold with raging N.W. winds. More like March than May. Scarcely any birds to be seen or heard anywhere. Dense report in this morning in Carlisle. No signs of damage to vegetation here. The De Merritts & I walked to Bull's Hill & back in the forenoon. Heard 2 Blackbirds. In Prescott pines heard 3 male Solitary Vireos in full song at once, one of them in nest near end of long pine branch at least 25 feet up. In P. M. we went to Green Hill. Mr. Hutchins has utterly ruined its beauty by grubbing up practically all the ground junipers & many young oaks, cedars, &c. Table Rock with Bird's foot violets. Meadow Trillium abundant near old road. Rhodora do. in swamps. Need a botanist for botany

Concord. (Farm)

Ther 35° MON. MAY 12, 1913 Wea Fine

Clear with fresh W. wind falling calm before sunset. Cold in early morn., warming up through day.

First Maryland Yellow Throat &c., Indigo Bird & calling down below our windows as we were at breakfast (7 P.M.). Heard the chip-chirr of a Sparrow. Thrasher singing gloriously, early morning. One Robin singing this morning.

Yesterday & To-day heard the cries from a pair of hawks in old grasfarm hills, fresh hunting song unlike that of English Hedge Sparrow. Can't see the birds either day.

Mrs Dr. Merrill left for Boston by 9 A.M. train. Did a lot of work in A.M. In P.M. Superintended rearrangement of bunks in Shed and Robin's Nest.

Concord (Farm)

Ther TUES. MAY 13, 1913 Wea Dull.

Spraying apple trees.

Mostly cloudy with strong southerly winds & a few rain drops falling every now & then.

We began spraying the orchards this morning & kept on it all day despite high wind & threat of rain. Most of the trees shedding their petals which filled the air like big snowflakes wherever a heavy gust passed.

Plenty of gypsy caterpillars in trees but Still a small size. Brown Tails 1/2 grown & very bad in oak woods where no nests were cut. Birds singing delightfully about house in early morn - a Thrasher, Meadow L., 2 Orioles, a Robin etc. I think there were two Md. Yellow Throat, one in front, one behind house, as last year. I kept hearing them all day & one very liked the region

Concord (Farm).

Ther WED. MAY 14, 1913 Wea
Fine

Brilliantly clear with fresh N.W. wind. Cool at morn & eve. Day warm
First Golden-crowned & Magnolia W: one each, heard in Lane at 7 a.m.
Warbling Vireo, Red-eye, Tanager, Grosbeak, Oriole, Chebec, etc. singing
near house at dawn hour. I was out with 32 Col. Eight Thrush & Shot at
Crow, one of a pair working on young Chickens behind barn.
Spent entire day with Divers, Spring birds & flowers & along road work on P.M.
At 11 a.m. I was much surprised & pleased to hear a short call from Harry Austin of Hadley. whom I have never seen before. Something like a Wilson Flycatcher of Thrushes to-day. Ci bird of Chickadee species singing now & then.

Concord (Farm)

Ther THURS. MAY 15, 1913 Wea
Fine

Sunny & pleasingly warm with light variable winds.
First Yellow-th. Vireo & Whitethroated at 7 a.m. Many common birds including a surprise-bored. Thrasher singing all day long
near house. A Blackburnian Warbler also spent entire day in elms in dooryard singing by turns
or interwoven, rather - his own normal song and that of the Cape May Warbler. The latter was so absolutely typical that I felt sure it came from a Cape May, until I actually heard the Blackburnian utter it repeatedly. He used it alleyeon in late P.M. No indication of any migrant birds seen to-day.
Spent entire day out of doors gardening, cleaning up woods, working
& garden, opening rearrangement of bushes in Katahdin shade

Concord - Cambridge.

Ther FRI. MAY 16, 1913 Wea
Stormy

North-east rain storm with strong, cold wind and heavy rain in forenoon.

Spent most of forenoon at Farm Cut all the Columbines (now in full bloom) for Betty Abbott's class luncheon to-morrow.

Also transplanted a lot of things.

Birds singing freely despite storm

Thrushes in full song now here

Walked to Bald Hill (10-10.30) & dined there. Took 12.27 train for Cambridge. Went first to Mrs. Coop Ford, to consult Sam Hemphill about Williams's decision to have Cary made Hon. Curator. Gy I expected he does not favor it.

Sam Taylor & Osborn Bangs Walked home hearing 2 Robins in full song (one near Meriam's). Spent evening & morning with C. & E. R. S.

Cambridge - Boston - Concord.

Ther SAT. MAY 17, 1913 Wea
Bordering in bloom. Fine.

Clear & cool with fresh S. wind.

At our Cambridge just after breakfast I found a IV closed Black cap *, Swainson, Thrush
a Silent Song Sparrow, & Black thr. White thr. Sparrows *
Blue Warbler (ô); a pair of Robins, the ♀ at nest in Cedar, 2 Jays a Crow in Apple Tree & Swainson Thrushes Also heard a Red-eye in Meriam's.

To Boston at 10 A.M. Spent 2 hours at office. Talked with Arthur & dictated Letters to C. W. Hakey, Judge Abbott & Stephen Brimmer.

Breakfast at Thorndike's. Bought 2 Spraying outfits for the Farm.

Took 1.51 train for W. Bedford.

Walked from Bald Hill to Farm.

Strolled about Berry Portion & Retention Pond at W. ô ♂ Pheasants from 9 hours. ôôô ♂ Bobolinks (expected) in our fields. Bobolinks at Eastern

Concord (Farm)

Ther SUN. MAY 18, 1913 Wea
7 a.m. First Iris in bloom. Fair

Cloudy & cool with light E. wind.
7 a.m. First Wood Thrush & Black &
Cowbird.

When I awoke at 6 A.M. a
Wood Thrush, the first heard here
since 1910, was singing in the
Rum at foot of lane. Lying in bed
with window closed I heard it at
intervals until 7.30. Many birds
singing also. Heard in early
morning among them Thrasher, Cat Bird
Oriole, Yellow Throat, Goldfinch &
Towhee. Walked to Beach Rd. after
breakfast. Many birds singing
everywhere. Swallows of 3 sorts
Heard at least 18 of former & 10 of latter
Spent most of day in house writing
letters. Called at the Stevens, in
Lobdell P. M. & Lang, where found
& Mrs. Hosmer.

Concord (Farm)

Ther MON. MAY 19, 1913 Wea
7 a.m.

Clear & cool with raging N.W. wind.
7 a.m. First Swainson's Thrush & Hummingbird (2)
Heard Meadowlark Towhee's Cat Bird
No other migrants noted. Hyla noisy
& Wood Frogs in early morn. Cat Bird
singing freely in early morn. Cat Bird
singing generally at evening, making
usual Cat Call & Cow-bird frequently.
Heard a few Bees from Wood Thrush
in farm about 7 a.m. Two
Kingbirds seen singing at noon in evening
Thoroughly Enjoyed N.W. Young on
Chestnut not been called. House Wren
building in box on Hosmer's & Song
Sparrow near here known.
Spent day about Farm working
working in flower garden. Many cut
down trees about new Comm. Mrs.
Mrs. Robbins & Gilbert, Mass., called
at 10.30 & Hoyt at entrance. Thrush
at W. Farm heard near P. Mrs.
Sat chapter on Farm book yesterday P.M.

Ther. ... Wea ... Cool, 7 a.m. ... Cloudy & cool with light E. wind. ... 7 a.m. First Wood Thrush & Black & White Creeper. ... When I awoke at 6 A.M. a Wood Thrush, the first heard here since 1910, was singing in the Rum at foot of lane. Lying in bed with windows closed I heard it at intervals until 7.30. Many birds singing also in early morning among them Thrasher, Cat Bird Oriole, Yellow Throat, Goldfinch & Towhee. Walked to Beach Rd. after breakfast. Many birds singing everywhere. Swallows of 3 sorts Heard at least 18 of former & 10 of latter Spent most of day in house writing letters. Called at the Stevens, in Lobdell P. M. & Lang, where found & Mrs. Hosmer. ... Clear & cool with raging N.W. wind. 7 a.m. First Swainson's Thrush & Hummingbird (2) Heard Meadowlark Towhee's Cat Bird No other migrants noted. Hyla noisy & Wood Frogs in early morn. Cat Bird singing freely in early morn. Cat Bird singing generally at evening, making usual Cat Call & Cow-bird frequently. Heard a few Bees from Wood Thrush in farm about 7 a.m. Two Kingbirds seen singing at noon in evening Thoroughly Enjoyed N.W. Young on Chestnut not been called. House Wren building in box on Hosmer's & Song Sparrow near here known. Spent day about Farm working working in flower garden. Many cut down trees about new Comm. Mrs. Mrs. Robbins & Gilbert, Mass., called at 10.30 & Hoyt at entrance. Thrush at W. Farm heard near P. Mrs. Sat chapter on Farm book yesterday P.M.

Concord (Farm)

Ther TUES. MAY 20, 1913 Wea Fine

Clear & cool with fresh N. W. wind.

Usual Warbler singing in elms
Cedar-bird heard in orchard
(apple trees now out of bloom).
All other birds seen or heard
to-day were locally resident ones.
— exc. Fox Sparrow & Hermit Thrush
in distance Crow's voice.

Flies were good & with Sunshine
but not exuberant flying all
day, chiefly from Chip, Song
Cow-bird, Song Sparrow, Bobolink,
Meadowlark Barn, Tree & Rough-
Spent nearly whole day working
with Zeph in Off orchard pruning
the trees, especially about young grafts.
Margaret Fuller surprised me by
appearing at house at noon. She
stayed about ½ hour & walked down
& back. Hermit Crow at dawn time &
Sun about Comparative Scale

Concord (Farm & Bolt Brook)

Ther WED. MAY 21, 1913 Wea Fine

Forenoon sunny calm & warm.
Afternoon cloudy with Chill E. wind.
Raining at 5 P.M.
First Tennessee Warbler, Black-poll
& Night Hawk. Moderate flight of
water-bird migrants.

At 8 A.M. heard & saw a Tennessee W.
in Top of oaks behind barn. Watch from
a Black Poll ♂ & ♂♀ Water Thrushes.
a Cattle Egret found in Berry Pond, about
Cattle heard a Hermit Thrush ♂ Wilson's
Black Cap ♂ Canada W. ♂, Magnolia ♀,
Dan Friend, Margaret F., Jim Hosmer,
Mr. Bowers & car Hosmer Carrie in
motor car on 10 A.M. & stayed about
20 minutes. I walked with Zeph &
Jean through woodside & Bolt.
Heard 2nd Hermit P.M. with Hall & Bolt.
Magnolia Warbler Good Views. At Holden
Hill a Red Th. Hawk. Left woods &
started at 6 P.M. for my class

Concord (Farm)

Ther THURS. MAY 22, 1913 Wea Stormy

Densely cloudy with light easterly wind and fine rain at intervals - 7 visit Wood Pewee.

Spent most of day with Left & Tom clearing out the Bungalows shed & cow barn. Birds singing freely but not much migrants noted. Left Hancock saw a Chippy's nest. Charmingly ossconsed in clematis vine on Bungalows piazza & having 3 eggs. The Chippy scrambled about & upon shed. 2 Song Sparrows fed in dooryard, 3 Barn Swallows about barn. & Horned Larks twice overhead, song for song, the same as ours except that Phoebes singing freely all day & Bobolinks drawing about Concordville. Jim Melvin Came at 1 P.M. & took me to Shoppy Hollow Cemetery where I heard a Wood Pewee; Worm & Pine Warblers

Saw a Blue Jay on barn roof this morning

Concord (Farm)

Ther FRI. MAY 23, 1913 Wea Stormy.

Raining almost all day, very heavily at nightfall. Calm, mild, Tennessee Warbler in full song at intervals through forenoon in tall oaks & elms near barn. Black & White, Worm Warbler & Canadian Warbler there, also. Water Thrush singing in trees over road near big elm. All our summer resident birds (except Hermit Thrush & Swainson's) singing gloriously from daybreak to dark. Rarely can ever hear a better concert. The Wood Thrushes are even at their finest in dripping.

The Phoebes nesting in shed near entrance young in nest which made a constant calling: Zee-e-e, very like that of Cedar Waxwings. Old birds hovering about and Could hear them constantly from their broods. At 4 P.M. down à Cons. Bird Corporation work & on ground floor of barn. Cleared up old barn entrance & set out 100 Strawberry plants in P.M.

Concord (Farm)

Ther SAT. MAY 24, 1913 Wea
Dud.

Cloudy with chill E. wind & light rain in morning.

Seven Warbler singing at intervals all day in woods near Farm & Cross road. Also Common Hawthorn. Wood Pewee heard near first of hour. Cat Bird sang persistently all day. Both male House Wrens flaunting the palaces with nesting. 3 pairs of Tree Swallows at & about nesting box's all day. Orioles at work on half finished nest in elm at W. end of house, same branch where one nested last year. 6 Hermit at Bartrams Swamp this morn. Common form Birds singing excellently all day. Spent forenoon clearing out box of Bungalow Barn with Ralph, Raymond & Theodore & transferred Swallows to P.M. office Then & Mrs. Rotton called at 3.30 P.M.

Concord (Farm) - Cambridge
Heavy flight of north-bound migrants

Ther SUN. MAY 25, 1913 Wea
Pileated Woodpecker Farm

Clear & warm Light E. wind. Thunder shower at 1 P.M. with light & heavy rain. Seven Warbler singing near pond in Berry Pasture at 7 A.M. Swainson Thrush seen here singing at 10 A.M.. I went to Fletcher Farm with Ralph & Carl Osgoods. While there heard a Pileated Woodpecker on ridge eastward feeding near a Hemlock where could see Light under bill & head gave the characteristic white appearance. Ralph recognized it at once, exclaiming "Yes!" Heard one of them big Woodpeckers laugh. I went on towards Cambridge & at 4 P.M. or even hours & again. Song Sparrow abundant with migrant Warblers. Cambridge Farm Pond, usual occupants. Heard one Rose Breasted Grosbeak & Several Black-throated Green, Bay-breasted & Yellow Palm Warblers. Saw one Hermit Thrush. Common Yellow-throat abundant. Saw one Red-shouldered Hawk over the pond & several Crows. Saw one Marsh Hawk coming Cambridge. Saw the Nighthawking colony Lodge consists of a dozen stones with a hole 40 ft. about ground in each big elm & save the Sparrow.

Sailed at 6 down to Chuckster Island Farm & took 4.17 Pickerel. Reached Cambridge by 8 P.M. Heard 11 species of birds in the Garden about Farm House. Then a Swainson Thrush sang at 8.30 P.M. Song Sparrow sang all day. Oriole sang at 4 A.M. & continued all day. Heard a Wood Pewee at 5 A.M. Cat Bird sang all day. Saw one Hermit Thrush.

Cambridge - Bethel.

Ther MON. MAY 26, 1913 Wea
7 a.m.

Clear & Cool with light N.W. wind.
Left Boston by G.A.R. East Div. Train
Dined at Portland. Just beyond there
saw apple trees not quite out of bloom.
Flooding islands in Sheldon pond near
Hoodle's Mills above with Rhodora, a
splendid show. Woods green with young
foliage all the way to Bethel. Apple trees
there still in fullest bloom. Reached
there at 4.20. Found Doctor at new
Bethel Inn now partially furnished.
We walked up to his home together. I am
quartered in Mrs Wright's house. In a
small blossoming apple tree near it I
saw at 6 P.M. a ♀ Cape May Warbler
with 2 Myrtle Warblers, ♂ & ♀ Downy,
& Black-throated G. ♂ Hairy. Chewink &
Winter Wren singing in village elms.
Robert Frost & Prof. Flint walked down
Spruce Mt. Evening Chatting with family &

Bethel

Ther 36° TUES. MAY 27, 1913 Wea
Dark

Cloudy & cool with light S.W. wind
Spent most of forenoon roaming about
alone through grounds & orchard near
Dr. Stevens house watching & identifying
the birds about us. They were
very numerous & in bursting especially
Warblers in blossoming apple trees. Among
them were the ♀ Cape May seen yesterday
& a Tennessee in full song. Evidently
a big flock must have halted here
by the cool, cloudy weather. Found only
a few birds in woods near Shook but
many on the open edge of forest. At ♂
Hall - Canada Sparrow in full song on
ground on Lower. Song sparrow like
ours by Shook, other birds very like
ours of Maryland & Kansas. Heard a
Meadow Lark. Saw Bank on Lower. Day
relenting with Thermometer above the freezing
Before noon & I started to come to Portland
& could be anything of Night.
I hoed with Mr. F. for 3 P.M. then we
observed on planting operations then
found cattle with Hood & others on
[illegible]

Bethel - Boston - Concord.

Ther WED. MAY 28, 1913 Wea

Meadow Bank at Bethel Stormy

Cloudy with chill N.E. wind & fine, drizzling rain - a gloomy day left Bethel at 9 a.m. & reached Portland at 11.53 - Waiting 12.05 train for Boston. Where at R.R. station at Bethel found on the fender under the hook a Meadow Hawk in fresh dress, my first record for this region. Boarded train. Talked bethel & Gorham waiting & Swamps towards S. D. Talked in dining car on way to Boston. Reaching Back Bay station office Portland with Clothier & Gallagher. Left 4.51 train for W. Bedford & electric car to W. Bedford where left for forward two over the Lewis estate here Redbreasted nuthatches, Woodland Thrushes & Flowers.

Concord (Farm & Bull's Hill)

Ther THURS. MAY 29, 1913 Wea

Fair.

Partly sunny, largely cloudy, with not infrequent & sometimes heavy showers. Very cool with high N.W. wind. An autumn like day. Not much singing, Birds silenced for most part by cool wind. North-bound migrants apparently all gone forward. Did not see or hear one. Flight of 24th & 25th doubtless the heaviest & perhaps the last of the season.

Short walk about Farm just after breakfast. Remainder of a cold & early forenoon at P.M. office writing letters. To Bull's Hill in mid P.M. Four Tree Swallows & a few Swifts over river. Blue Jays on west mountain 20 fr. & could hear Hairbird & Downy, Hairy, Red, Crow Black, Pine Grosbeaks & 2 Red Shouldered Hawks on hill. Most garden bird species in flower

Concord (Farm & Ball's Hill)
First Dragon-flies.

Ther FRI. MAY 30, 1913 Wea
Mourning Warbler. -Fine

Brilliantly clear & frost pleasantly cool with high W. wind.

Spent day at Ball's Hill with Duren, Geary & Jones, spraying trees behind the hill chiefly. Heard a Canadian Warbler in the swamp, a Hermit Thrush on the hill. No Hermit heard ninety minutes later than this when I got back to Farm at 5 P.M. Heard a Night Hawk sing close by house at 7 P.M. Heard a Mourning Warbler in swamp, thicket on north side of pond in Berry Pasture. During noon 2x mowed at Geary about incessantly Bankers, one day following another almost without pause. It also altered a sharp meadow about of cutting bill about 9 O. orchi. It kept low down in long Hardhay & Sword Grass. I saw it twice but was disturbed. 2 Cow Bird singing near house & 2 in Berry Pas

Dragon flies out in swarms at Ball's Hill

Concord (Farm & Ball Hill)

Ther SAT. MAY 31, 1913 Wea
Dew at Farm -Fine

Sunny with fresh N.W. wind & drifting clouds. Pleasantly cool.

2 Black polls singing in tree tops in early morning. Thought, but could not make sure, that I heard an Alder Flycatcher in Berry Pasture at 6. Bobolink & a Yellow Bellied near Pulpit Rock Lake.

Spent entire day spraying with Duren. We began on Pine Hill near Concord Road & finished only 3 Elms. Water: 1 Barrel in Pulpit R. woods & 1 barrel filled at 10 & used Thus far at 5 P.M. day. Birds singing freely and delightfully all day. There are as many as ever of most common resident kinds except at Ball's Hill. We hear more 3 rose Phoebes at Farm. Gilbert Lane a Deer - a big doe - walk across field from 9 Hemlock at 7 P.M.

Concord.

Ther SUN. JUNE 1, 1913 Wea
Perfect.

Heavenly day with fresh, soft
Southerly wind & brilliant sunshine
Strange to say birds did not sing
very freely after early morn.
Walked about farm for half an
hour after breakfast. At 8.30
started off with Gilbert in the old
Cadillac. Went first to Dennis.
He took me through his woods.
Plenty of ovenbirds both singing there
At least a dozen Scarlet Tanagers in his
woods. Thence to Concord where
I spent an hour with Harry
Richardson looking at his specimens
etc. He gave me Sanford Hornets'
nest. Black poll singing there
Home by 11. North Estates. Walking
in woods about 1 p.m. 4–6.30.
Phoebes on third footing going in
nest on Piazza. Went to Concord

Concord. Cambridge. Boston. New York

Ther MON. JUNE 2, 1913 Wea
fine

Clear & warm with signs W. wind.
Drove to Concord in Stella's time
& took 8.06 train for Cambridge
At our house 9–10.30 a.m.
Redstart. Singing in both groves,
Goldfronts calling, Yellow bill
Cuckoo calling in distance
To Boston at 11. Spent an
hour in our office. Lunched
at Scandia Restaurant & took
1 P.M. train for New York
arriving on time at 6. Ann
Hunting supper on
forward Mulberry Hill where
I have been warmly welcomed
by everyone. Have just
Turned in Telephone wrote
Emmy Hallock. Evening warm
& thunder-like.

New York - Washington.

Ther | TUES. JUNE 3, 1913 | Wea
Fine

Clear & warm with light S. wind
Whole eating breakfast in Murray
Hill Hotel at 7.15 - I saw, three
windows fronting on 40th St. a
Duck Hawk circling just above the
roof doing so for some short.
Left 8.08 train for Washington.
Weather glorious & scenery
beyond words - Arrived on time
Found Dr. Merriam & Grace Goldie there
with Darwin & found Edie in bloom.
Saw very few birds although
watching myself for them. Only 3
Buzzards noted. Purple Grackles
scarce only Common Species. Reached
Washington on time at 1.30. Was
met at Station by Henry & Nelson
& Vernon Bailey who took us in
Ford to Bailey's and Swamp. Spent : the
afternoon. Henry & I called on Dr. Merriam &

Washington

Ther | WED. JUNE 4, 1913 | Wea
Fine

Clear & warm with light S. wind
Birds singing freely in early morning
& again at evening on wonderful sky
just before "the Outlook" giving me a
delightful serenade which I was drinking
& which ended about 6.30 P.M.
There were 2 Nighthawks, a Flicker
a Cow-bird, Crossbill, Yellow Warbler,
Redstart, Goldfinch, Song Sparrow &
Acadian Flycatcher. Talking point in
this climate. Jack can't with Henry
at 8.30. Called on Yarrow in his
office. Next on Dr. Allen's assistant,
Dr Lasteel, who examined my teeth
from 10.30 to 11.30. Boarded in at
Hotel Gordon. Lunched at Cosmos with
Henry, Nelson & Bailey. B. left us early
to Biological Survey. Joined with Palmer &
Dr. Merriam. Began to Work. Mem. Sam
Richmond, Ridgway & Chamberlain.
about all Washington. Spent evening at

Ther THURS. JUNE 5, 1913 Wea Fine

Brilliantly clear & refreshingly cool with fresh N.W. wind.

To Dr. Casteel at 10 a.m. to have two teeth. Went to Penn. Ave. office to get tickets for return trip. Thence to Cosmos to return Henry, Nelson & Bailey invited me at lunch at 12. After it Sunday took us all to Bird. Surv. to whom I called on Mr. Allen, Beal, Cook, Oberlander & had long talk with Palmer about irrig. bill laws. Nelson has secured a big mtn in Cofa Region for me. Henry went with me at 3. to Nat. Mus. to hear Miller forward us Roosevelt's African documents &c &c but when Miller showed us Africa Hall & some Museum & was Curator in Charge Mr. Miller. Back to Ontario at 5. M.T. Mrs. Vernon Bailey called for Henry & me then at 5:30. We portaged our baggage to Hall Ave & found nearly 2 wagon loads of which others B. Carried & delivering Surplus & underbrush burned Chestnut, Oaks, Maple, Ash, Hickory & Birch. Finely a dozen Surveyors returned from field with various heading in Big Canyon Recreation Survey Camp both Horseback Hunt Horse Station. Back to Ontario by Auto (Nelson, Wilson, Mr. and Mrs. Palmer, Mr. Allen, Mr. Miller, Mr. Beal, Mr. Cook, Mr. Oberlander, Mr. Baker)

Ther FRI. JUNE 6, 1913 Wea Fine

Sunny but hazy. Comfortably cool with light easterly winds.

To Dr. Casteel at 10. He filled one tooth & did various other things. At 11 I joined Henry at Cafeteria where we talked until 11.45 & then went to depot where I took 1 p. 30 train for Mare Island. Booked me to window a good deal but Dan and I afterwards Brownell, Pleasants Brooks & Hardings. Great hotels & large, yellow and grassy hotel Fairmont near Mission de Grace. Then Carried by Bridge Bridge over Bay & Sumpsides Ferry Transfer Station Ferry Lady & Erie R.R. & took 6.14 train to Rutherford in Napa Valley. Walter, Hatty & Ernest gave me a cordial welcome. Poor John had his left foot cut off yesterday by slipping under train at Stockton. He is in Fabiola Hosp. Many rumors circulating but nothing definite. Left at 6.30 looking about 1 p.m.

Smithfield - Cambridge.

Ther SAT. JUNE 7, 1913 Wea
Fine, Cool morning, Fresh Northerly wind Fine

Sunny but decidedly heavy. Colors & atmos. Heavy, Thunder Showers in late P.M. Walking about place before Breakfast heard Robins, Flicker, Hermit Thrush, Yellow Bird & Red-eyed Vireo singing & Starlings scolding. Left Smithfield by 8.40 train. Crossing Moosehead Branch saw 8 or 10 Ducks & Redwings & a Great Blue Heron. Fla. Gallinules within 20 ft at edge of pond in marsh near entrance to Jersey City Yard. It was feeding & forgave me head & neck Thursday, June. Had close view of it & saw Bobolinks flying & Fish Hawk. 10.02 train for Boston. Looked much as if inundated by Easy. Between Boyne & Nashua saw two pairs of Fish Hawks in trees (dead) near R.R. Saw Herons head Harvard Square over. Yellow Bird sang on Back Bay. Heron Thrushes were then singing & R. Starling flutting. Robin calling & Song Sparrow in early Forenoon at 6 P.M.

Cambridge & Concord.
Crow calling Spanning Toad (Comm. Flicker)
Ther SUN. JUNE 8, 1913 Wea
Pair of Starlings (at Concord) Fine

Clear & cool with fresh N.W. wind.
As I was dressing at 7.30 I saw a Crow in maple over driveway calling something that looked like a young Robin. Going out a little later I found under the tree remains of a Spanning Garden Toad with all the Spanner apparently. Percy showed me what he says is a Crow's nest in big linden by my chamber window. At 9 a.m. heard a Yellow Warbler singing in Garden & saw it in jungle & bilged. Heard what was like a Red-eye & an Oriole singing. A Robin calling chuckling & Song Sparrow. Rhododendrons & oriental poppies in bloom. Spent a.m. in Museum working. Called Gilbert & I took 2 P.M. train to Concord & Mrs. Morris, Eleanor & Joan. Trip is making splendid show there. Heard Thrushes, about there. Song Sparrows out of nest on Island. Walked to Battle Hill & back (4-6.30) Saw Pine Warblers feeding young in nest in two places. Heard Thrush singing glorious in Birch Field. Saw a flock of Starlings on Island offshore Barley Fragments & on Island. Down from Concord. Fine & Thunderstorm

Concord (Farm & Balls Hill)

Ther MON. JUNE 9, 1913 Wea Fair

Clear & very cool with light N. W. wind. Almost frosty in early morn. Yellow-bellied-Fly catchers calling freely in wet swamp close to Pulpit Rock S. P. M. Heard one there yesterday on Simon Shaw's. Wood Pewee in fine sounds there & are singing all day in elms close to house.

Pierce with 8 men came on auto truck at 7.45 a. m. to begin spraying at Balls Hill. Gilbert took me there in own motor car. We covered Cabin with heavy bent bait. Almost no birds there. Heard 2 Song Sparrows 1 Red-eye - nothing else. Back to Beach Field at 10. Dawes spraying apple by spring & near it all day. Harried. Thrush in full song there. Bank Swallows tumbling along river.

Concord (Farm & Balls Hill)

Ther TUES. JUNE 10, 1913 Wea Fair

Clear with light N. W. wind. Cool at morning & evening. Hoar frosts in places this morning.

Pierce with 9 men spraying at Balls Hill all day, Dawes & Gray spraying on ridge west side of B. H. Swamp in forenoon & in Pulpit Rock woods in P. M. I rode with Dawes most of day. Jeph & Tom handled wood for him in A. M. Birds singing freely but not many of them in Balls Hill region. At Farm there are plenty but decreased species, formerly always have one nesting on Field Sparrows, Towhee, Yellow-throat, Vireo. We have only one record of Oriole. Barn Swallows gathered by mill in Bittersweet trees on May 6th but not back on the

Concord (Farm & Ball's Hill).

Ther WED. JUNE 11, 1913 Wea -Fine

Brilliantly clear & just comfortably cool (or warm). A perfect June day with fresh W. wind.

Spent entire day with the Spraying parties. Pierce & 9 men installed all A. M. at Ball's Hill & began on Farm at 2 P. M. doing 3 trees. Big elms before leaving at 3.45. As usual he was reckless & intolerant when Carl wanted him to do a thorough piece of work. Dreamy George & Jim knocked in Pulpit. Ronald wooden & clumsy at first -Farm Spraying big elms. The foliage is more fully developed & the Gypsies busy or cocoons in many places. Saw 2 Cocoons buckled on tree near path. Band Spraying most all day

Concord & Boston

Ther THURS. JUNE 12, 1913 Wea -Fine

Clear & cool with fresh N. E. winds To Boston by 8.06 train returning by 1.57 train. Gilbert took me to Concord Station in the Cadillac & met me there. Our way back stopped at Prentiss to see big flowers - Badly neglected & choked in weeds Met -Frazar by chance at North Sta. Got to office at 9.15. Met Judge Admiss. Then by appt. Mr. Austin & I consulted over estate at Wolfboro until 11. Haley is out of favor there. The school boys are to petition me to replace him. Lunched with Austin at Young's. Pierce & 9 men Spraying all day They have scattered fine compliments to birds carelessly resting at Yet.. a cat. Keeping them from building a fine nest on S P [illegible]

Concord (Farm)

Ther FRI. JUNE 13, 1913 Wea

End of Spraying at Farm. Fine

Clear & warm with fresh S.W. wind.

Price & 9 men worked all day at Farm finishing by 4 P.M. The work has been done more effectively as well as thoroughly than was before. We have sprayed the rows of big oaks below fresh orchard & thence to the Barn & thence west to the road, the big elms, the grove behind barn & nearly all the trees & shrubbery thence to cow pasture. I was with them now all day. The foliage is complete with leaves. No birds missing as yet. In fact they seemed more numerous to day than ever & sang delightfully all day

Concord (Farm & Ball Hill)

Farm birds not appreciably injured by Spraying

Ther SAT. JUNE 14, 1913 Wea

Green caterpillars attack potato vines. Fine

Clear & warm with fresh S.W. wind. Calm in early morning. Rain began to fall a.m. There was a glorious bird concert going on everywhere all over the Farm & especially close about the house. Although almost every tree & shrub has been heavily Sprayed there is a wonderful number of birds on yet some are Cat Bird who has probably been caught by a cat when I found his feathers thrown about this morning. Many cats are haunting the place now. In Ball Hill in woodlot can at 8 a.m. Birds singing freely there. Pat took one acre row. Spraying would not have been done when Cats & fellows were cutting stripping potato vines in Pine Pond. Spent most of day at Farm Price and men Spraying woodlot there

Concord.

Ther SUN. JUNE 15, 1913 Wea 7 a.m.

Clear & cool with light E. wind.
Birds singing enormously & everybody all about houses in early morning: Among others I heard Robins, a Cat Bird, Tanagers, Orioles, Yellow-throated Vireo, Song Sparrows, Purple Finch, Chipping, Field, Chipping, Field Sparrows, Indigo Bird, Wood Pewees, Phoebes, Least Flycatcher, Kingbirds, etc. Starting thru Walpit Bank woods of the Beechfield heard Black-Un. Green & Pine Warblers, Black & White Creeper, Oven Bird & Louisiana Water-Thrush. The Malvins & their friends the Dawsons came to dine. At 3 PM we motored to Carlisle & call on the Robbins's. Returning found some purple martins hanging from Gary Pole with arm-load of Mountain Laurel:

Concord - Cambridge

Ther MON. JUNE 16, 1913 Wea 7 a.m.

Clear & very warm with fresh S. W. wind.
To Ball's Hill at 8 a.m. to spray peach trees in Pair Patch infested by green Caterpillars which are fast defoliating them. With it to help by pumping & spraying one outfit along & exchanged four times & Collins thoroughly on both sides of hand. Greatbatch driving efficiently rear of vehicle.
Gilbert motored me down & back & at 11 Gretta ran to Concord where I changed to 11.33 train for Cambridge Spent most of afternoon in Library & Museum & gardens. Called on Prof. Horsford in his grounds & spent hour after. Another Called on Dawson & wife Morgan. Mr. Coolidge still in very lonely & feeble & frail. Called on Mrs. Alden Sibley & found Mrs. Thayer & granddaughter on road on their return. Prof. Lyon dying. Temple motored

Cambridge - Wolfeboro.

Ther TUES. JUNE 17, 1913 Wea

Clear & warm with fresh southerly winds. Very cool at evening.

Left Boston at 10 A.M. with western Ticket agent. Reached Weirs at 1.20. Met there by Mr. & Mrs. Haley, Mrs. & Miss Gallompe, Miss Hearle, Miss Tirrell, Judge & Mrs. Young & a few others. John K. Lord joined us a little later. We had a rather long steamboat and then waited lunch with Jessie Belmont steamboating on very ocean later. Not far from Weirs passed a fine large & very Town school Farm (within 3a yds.) in country. Trustees meeting in Academy 4.30-6. Dinner cooked by Jessie & served in S. W. room 6-7 P.M. Academy exercises in town hall (8.10) exceptionally good. Adjourned.

Trustees Meeting in Library 10-12
Miss Bates, Miss Sleeper & Jessie to be elected.

Wolfeboro

Ther WED. JUNE 18, 1913 Wea

Clear & cool. with light southerly winds. Trustees & Visitors left today at 8.55 for annual excursion on Collins' Lake - remained behind to attend to various matters. Spent most of forenoon with Elizabeth Bowditch & Sherman Brummett discussing plans for proposed extension to Library. Brummett will give Contract estimate on it soon. Robins & Allen musicians on today, Lorens 5 cts. ours together in front of Haley house where I am staying. In evening above heard 2 & Hawaiian Vocal, 1 & Bob-Brick & young in unit, 1 Scotch Finish, 1 Irish Piano, 1 Yellow Hawaiian. Musicians back in Academy finish. Ha Bob-Brick Thurs now. Only a few from Steamboat. Sparrows in nest of this unit.

Reception in Academy 8-10.) stood in line with Mr. & Mrs. Haley & 4 class teachers. Shook hands with upward of 200 [illegible].

Wolfeboro, Boston-Cambridge
Amended

Ther THURS. JUNE 19, 1913 Wea

Hacker sings off Ballahistion

Clear & cool. Cloudy with
light rain from 6 to 7 P.M.
Mr. & Mrs. Gallonger & I left Wolfeboro
by 8.10 train. Reaching Boston at
12.10 I went to Hunt Offices &
reported to Carlton. after lunching
at "Brewster Old Grapes". At 1.30
Jim Malcolm & Major Duncan
called for me. We walked to
State House & Capt. Jim Carr
Thence to Copley Square Hotel where
we picked up Mrs. Malcolm & Duncan
Stafford next at Cambridge where
we spent 2 hours in Parsons
& gardens. Back to Concord at 8.30 in
our home motor. I was left at
Jim's & walked home to Colburn
to spend night. At Conc. 4 Buicks &
2 Buffums sleeping. The Hacker Song
2 hours on hand 6.45 - 7.15 Off.
Concord Band meeting
Colburn
He had an unusually hard row

Concord (Ball Hill & Town)

Ther FRI. JUNE 20, 1913 Wea

Dull

Cloudy & cool with light rain in
early morning.

Buicks singing without hearing of cabin
between 6.30 & 8 a.m. from Pine W. (1)
Black & White Campus (1) & Sobbing Drain (1)
Gallows Hamilton (1) Song Sparrow (1)
Red-wing (2) Maryland Yellow Throat (2)
Scarlet Tanager (1) Wood (1) Cardinal
& Baltimore Oriole. At evening I heard also
2 Towhee, 2 Whitethroat & a Night Heron

To Town at 8 a.m. Spending day
there overseeing tearing out Boy Scout
Camp in Bancroft Lane. Buicks
singing there were Robin (1) Chippy
(1) Red-eye (1) Yellow Warbler (1)
Red Start (1) Yellow-throat (1)
Hermit Thrush (2) Wood Pewee (1) Song
Sparrow (1) Towhee (1) Cardinal (both
sexes) Maryland Yellowthroat (1) Phoebe (2)
Least Fly (1) Chebec (1), in

Concord - Cambridge - Concord

Ther SAT. JUNE 21, 1913 Wea
Dr. Coolidge's funeral. Fair

Raining heavily last night & in early morning. Forenoon cloudy. Afternoon sunny & oppressively warm. Grosbeak singing gloriously on hill when I left it at 7.45 a.m. & Bobolink on further hay across river. Walking along R.R. track saw a pr of Starlings perched on telegraph pole. Took 8.13 train to Cambridge. Reached home at 9.15. Spent forenoon in Museum writing letters. To Christ Church at 1.45: to act as one of ushers at Dr. Coolidge's funeral. Among the others were Rev. Deans, Rob. Grenough, Edward Channing & Dr. Huntington. Church comfortably filled. Regulation service. Book to Concord by 5.05 train. Buell, Frost & Fowler's Woods visited by this bee. Hardly any mosquitoes.

Concord (Ball's Hill & Farm)

Ther SUN. JUNE 22, 1913 Wea
Fair

Clear & rather cool with light northerly winds.

Spent forenoon on & about Ball's Hill inspecting gypsy moth conditions. The hill is so nearly cleared of larvae by recent spraying that I found only two. Search over & neighborhood about equally clean. Blakemore Ridge begins to be reinfested. Will only very lightly: it may go Thursday another year. Davis Hill terribly infested & could hear Canada Warbler singing in Davis Sw. & another in Ball Hill Sw. At least 5 D. virens singing on Pine Hill.

Spent P.M. on Farm, Gilbert took me up & back. Robins, Towhee, Cat. Bird, Chippy & Phoebe singing. Afternoon rain showers. Wrote letters for 3 hours. After supper walked around Ball Hill. 2 Veeries & Canada W. singing there.

Concord (Balls Hill & Farm)

Ther MON. JUNE 23, 1913 Wea
7 a.m.

Clear & comfortably cool (or warm) with light S. W. wind. Birds singing well in early morning. Plenty of them about Balls Hill but literally none, except the Phoebes near cabins. Perhaps the Jays keep them away but the Jays have left with their young. At evening saw hawk & fair amount of various game birds & a Cat bird there. The Yellow Warbler has flocked (has left off). The hair song (Chestnut) off.

Quail whistling often & off. Has stopped crowing this year. Sparrow song at 7 a.m. Birds disappearing there. Picked 12 Bear acorns of the Red Oak or the Hard Pan or the Yellow Oak. Irises. Hosmer & 3 men began work on Byrne cabin. Stick began covering roof. Paul came down to get boat key. He is thinking

Concord (Balls Hill & Farm)

Ther TUES. JUNE 24, 1913 Wea

Clear & oppressively warm with light southerly wind.
Laying awake in my cabin with door & windows open, from daybreak to rising time (6.30) I noted & enjoyed exceedingly the oncoming of a typical Midsummer day. Between daybreak & sunrise the air was calm & the silence almost undisturbed by any bird voice save the Frogs, also quiet. After sunrise the birds sang long & fervently, very many of them, Robins, Bluebirds, Song Sparrows, Yellow W., Chestnut-sided, Warblers, Phoebes (Quail 2 all) Cuckoos (1) Kingfishers very few, Crows, Catbirds & others.
To Farm in motor car at 8.15.
Birds singing freely there. Heard Hosmer & Jim Richards.
4 carpenters & 2 masons working. Chimney being built well.
I had a flock of Cedar Waxwings. Flying Hawk heard but low on account of wind. Warbler song gone. Wood thrush almost silent. Walked back at 5.30, Hosmer driving Balls Field

Concord (Bulls Hill & Farm)

Ther WED. JUNE 25, 1913 Wea Dull

Cloudy & cool with strong, chill N.E. wind.

Birds very quiet. Heard only a few in early morning, chiefly Red-wings & Song Sparrows with a wood in distance. The Phoebes have hung & built, however. We moved to Farm after breakfast. Two carpenters & one Italian laborer working all day at Bungalow. Joseph, Jim & I worked on the fence & mowed chicken yard & under cherry orchard; We got in all the peaches & grapes & 2 jars. Cherries dead ripe & delicious. Strawberries past their best. Whole season about month early. Have begun thrashing for first time.

Concord Farm)

Ther THURS. JUNE 26, 1913 Wea Dull.

Cloudy & calm. Rather cool.

Birds singing freely & delightfully all day — Robins, Song Sparrows, 1 Cat bird, Chippy, Purple Finch, Red eyed & Solitary Vireo, Indigo Bird, (in tree close to house) Phoebe, Wood Pewee, Least Flycatcher, both Hous. Wrens, Cardinal & both kinds, Baltimore Oriole etc. Thrush no less numerous & in song than Chippies. Seem to have heard young this year near our house. I have not seen or heard a single young Robin yet. Found egg shells on ground many times about place. Fed hogs as very dense haze this morning. Spent day weeding & work very near. Mr Forrobert was helping us Hadn't 2 men first of [illegible] Spent the after noon to [illegible]

Concord Farm,

Ther FRI. JUNE 27, 1913 Wea

Fine.

Clear & comparatively warm with light southerly wind. Spent most of day with Hosmer & his team. They were working on stack at Hubbard place enlarging it. Stone the butcher I had a round both ways.

I was in the house reading letters part of the day. Miss Alice Keyes & Miss Coburn called on the Colburn Antoinettes & rather they started to talk with me by Andante.

E. H. Forbush arrived at 6 P.M. to spend night. We sat up late talking over Audubon Soc. matters etc. Good to have him here.

Concord Farm,

Ther SAT. JUNE 28, 1913 Wea

Fine.

Clear & comparatively cool & fresh N. W. wind.

Bee. singing well all day. Both Wrens especially jubilant. Cat bird in front of house began again after long interval of total silence. H. & his mate have evidently brought out their first brood successfully, although I have not seen the young. One pair of Jays in the garden appears to be still feeding young in the nest.

E. H. left me at 9 A.M. I spent most of day with Dr. Tom cleaning up odds & ends-garden, reading etc. In late P.M. Sprague Hawkes aboard [illegible]

Bee. has received 2 lbs honey from Florida

Concord

Ther SUN. JUNE 29, 1913 Wea Fine

Clear & warm but not uncomfortably so. Very cool last night.

The weather set fairly & cleared very kind to shipping finely this morning. Rambling around the place between 8 & 9 A.M. I read a Blue Book, a Nationalist Monthly, a Christadelphian & wrote Hannah Thrasher letter & one home, in full long. Our Church bazaar all day at entertainments as last on the Cathedral ground & house. Visited Birch Field. Everything most splendid & went off grand. The "motto" has begun Thanks.

Jim Melvin came at 2. PM at 3.30, he took me to Concord. We visited Cemetery, Whitefield Pat's garden & then I went to call from Chandler & Mrs. Co. to me on.

Concord - Boston

Ther MON. JUNE 30, 1913 Wea Fine

Clear & very warm with, however, a refreshing S.W. breeze.

Gilbert took me to Concord for the 8.06 train & met me when I returned by 4.04 Fitchburg train. He runs our little Cadillac so skillfully & quietly that it is pleasant to ride with him.

After having my hair cut in Concord Square I returned Boston at 10.20 & found several home on our return. Sam Arthur, Gallagher staying & Mrs. Haley. Signed quarterly Chapman etc. Abbott (Brother Lawyer) advises us we have no legal rights to use Eaton money to enlarge Library or open to town in contract drawn & Pittsfield Committee & Trustees are to Office for them.

Heard a Lawyer in full Court of Common Pleas [illegible]

Concord (Farm & Balls Hill)

Ther 86° TUES. JULY 1, 1913 Wea Fine

Clear & oppressively hot with strong S. W. wind.

Birds singing freely at noon & eve.

Spent most of forenoon at Farm putting things away for the Summer. At 11 Gilbert took me to Balls Hill in the Cadillac. The men came down after dinner. We spent most of P.M. in Spring down oaks & birches in the Spring on east side of Pine Hill & in collecting flower seeds about Cabins with Big Sewer Trench. Walked to Pine Peak at sunset. Many Big Fire-flies seen on both the Farm & Balls Hill.

Concord (Balls Hill & Farm)

Ther WED. JULY 2, 1913 Wea Fair

Partly cloudy, Coolish Morning. Very hot, with light west wind, up to 3 P.M. when the wind changed to N. and cooled the air considerably.

Spent forenoon at Balls Hill watering things with our big Sewer pump, assisted by Ralph & Pat. Gave Hydrangeadendrons & flower beds a heavy & much needed drenching. Gilbert motored me to Farm at 1.30 P.M. Spent about 2 hours there planting up central part of Strawberry bed now almost out of bearing. Greenhouse & Wood Fence & our House been enjoyed Morning. Birds sang well at Balls Hill in early morn. Delightful Chorus of Veeries at end 7-7½ P.M. visited Dawn Hill at 6.25 & started Sam Green Herons. Bittern Night feeding

Concord - Boston - Cambridge.

Ther THURS. JULY 3, 1913 Wea

Special Meeting Aud. Soc. 9 a.m.

Clear & warm with light, cool easterly wind.

A Grosbeak in full song near cabin about 6 a.m., many other birds singing well. Green Herons seen by Talbot.

We closed camp & took 8.13 train. I went through to Boston & Howard came home at once. Office closing at 12 & Gallup & I to Boston Soc. at 10.30 for Special Meeting Aud. Soc. Directors. To consider report of Committee recommending removal of Miss Kimball and election to her position of Hamilton Pollock. I opposed both measures but both were carried. Present Fosdick, Allen, Mr. & Mrs. Robbins, Miss Hall, Mrs. Calvert, Mrs. Hemenway, Miss Kimball read report of legal meeting & Entered I hundred of Athletic Club. Comm. Ch. Mrs. Sara Mayo to about 2" Commonwealth, got out to Cumberland on 2.03 & walked to Mrs. Sullivan's. Called on Hamilton & Mrs. Sullivan.

Cambridge

Ther FRI. JULY 4, 1913 Wea

First Cicada singing 7 a.m.

Clear & rather uncomfortably warm with fresh southerly winds

Spent most of day in Museum writing letters etc. Phelan called on G.A.R. about plumbing repairs in E. Rainsford St.; also Jotham Pratt. Mrs. Haley of Marlboro dined with me at 1 staying about an hour. C. & E.R.S. arrived from Bryant about 4.45. After seeing the gardens they called on Mrs Dana whole I called on Sallie Russell Baker & talked with her on her front steps about Old Times. A Robin singing all the whole night for off. At 2 P.M. heard & saw a & Yellow Warbler in celebrating by Newspaper Chopping at a fair or 4 minutes about 4 or 5 P.M. Little after seeing We all sat on

Cambridge

Ther SAT. JULY 5, 1913 Wea

My 62nd birth day. 7 am

Clear & relatively hot with light westerly breeze.

In the Garden noted a Red-eye & Goldfinch singing, a Yellow Warbler Chirping, an adult Baltimore Oriole on bagged flowers, one adult & 3 young Robins, 6 Song Blackbirds (on lawn), 3 Sparrows, 2 Jays, 2 Crows & Song (heard overhead).

Spent most of day in Museum working letters among them one to Forbes enclosing my resignation as President & Director Mass. Hort. Soc. C. E. R.S. & I had lunch on back piazza. We dined at Oakley Club at 7 going up & back in Taxi Cab. There was a refreshing breeze there. Returning at 8.30 we found odour in hall worse than

Cambridge - Boston

Ther SUN. JULY 6, 1913 Wea

7 am

Clear & suffocatingly hot with, however, a cool N. wind at evening. C. & I went in town to St. Paul's Church at 10.30. There was wonderful beautiful music, a short sermon & then communion service when I left C. in the suffocating crowds & went to the Parker House where Ada & E. R. S. sojourned now at 12.30. We dined at 1 in the smaller room kept comfortable by the action of abundant electric fans. At 2.15 we went in taxicab to South Station whence C. & E. left by 3 P.M. train for Saginaw. Before it started the cars were like heated ovens. The subway was plenteously cool so I came out alone through the heat letter 4-6.30 P.M. Supped alone Called on Blackwell at 8 P.A.

Cambridge.

Ther MON. JULY 7, 1913 Wea

Visitors W.9 young in London. Fair

Largely cloudy, partly sunny.
Fresh to highly cool south & brisk northerly wind.

Spent most of day in Museum working letters, cheques for bills etc & clearing up my desk. Also supervised pruning of big Colorado by Percy. Called on Joe & Mrs. Russell in the evening (8-30-10.15.

Gilbert at Concord overhauling his "car" with Hancock's help.

Our garden very pretty now with holyhocks & Coreopsis at their best or near it. Red. eye & Bobwhite singing. At least 9 Robins, mostly young, & 5 or 6 Grackles; & 9 age followed about with impudence Chattering by 2 Yellow Warblers who in turn were followed by a young fully grown Yellowhead & his vociferous complaints during the whole afternoon at Short [illegible]

Cambridge - Boston

Ther TUES. JULY 8, 1913 Wea

Fine

Brilliantly clear with light NW. winds
Much too cool & no dust bottom settling at noon but cool all morn & eve.

Spent most of forenoon in house & museum getting things together & taken to Hancock's without lunch most of them packed when I started for Boston at 12.30. Was stopped in the new Cramp & Sons [illegible] by [illegible] & Sons [illegible] & heavy [illegible] on [illegible] 17th (Silver wedding) Next to Revere House for lunch. Thence in Ogden's where I found [illegible] & Sam Dilling my assistant over with them in Boston, because of mumps & anxious mind I wanted [illegible] & Horace Long of Norfolk visiting [illegible]

Dunbridge - Glendale

Ther WED. JULY 9, 1913 Wea
A Curious Varying Heat 7 in

Clear & warm south Strong S.W. wind
Left Boston from Trinity Comm
station by 10 a.m. train. Reached
Pittsfield at 2 20 & Glendale at 4 P.M.
Having meet there by Dave French &
Bob Brooks. Soon after we reached
the house Dave had G. Lawrence to
go to New York. Brooks & I went
down after this & Ben took Jackson
when a young boy. Then about
2/3 grown kept talking about
us in an unusual manner for 1/2
hour or more coming up close at times
Then they took down Crockett and
Chan and a strong S.W. wind
which blowed Ben back. Miss
Bergman, a stenographer girl
from New York & Mrs Brown on
long grade at present. We still talking
in this manner all the evening

Glendale

Ther THURS. JULY 10, 1913 Wea
Fair

Partly sunny; chiefly cloudy. Heavy
thunder storm last night and a
light sprinkle this forenoon.

Spent the morning working cellar
- in woods behind studio until
driven therein in doors by rain.
In afternoon Brooks & I worked
down the valley to Colt or Mackintosh
We spent soon an hour with this meeting
Mrs Brooks (+ wife) whom I have
met a dozen before. Dave got
... K from New York at 5 P
... with Crockett down after them.
... had in garden & had a good
talk.

Dark, hanging heavy at sunset eve.
Blue: - recorded from Martha with
band, musical, non-heavy song
back in the old haunts behind studio

Glendale.

Ther FRI. JULY 11, 1913. Wea 7 am

Clear & cool with fresh N. W. wind.

Birds singing freely. House Wrens feeding chirping young in nest of Flicker hole in old Robins nest under portico over north entrance to house. Robins feeding their young (nearly full grown) on limb on outside of garden on Woodbine. Many Cedar Waxwings flying over the house. Chestnut discovered feeding young in Robin's nest.

Devoted most of day to cultivating Cabbages. Mrs. Pinard & family came Brighton P.M. [illegible]

Glendale

14 Ther SAT. JULY 12, 1913 Wea 7 am

Clear & warm with S. breeze. S.W. wind heavily charged with [illegible] Clouds gathering in late P.M. Heavy rain after dark.

Spent most of day writing letters. Mr. [illegible] called in late P.M. when he Dan & I sat talking for an hour or more on the Cement bench behind Studio. Swans were several Swifts, 15 Barn Swallows & 3 or 4 Tree Swallows flying high overhead. The Swans seemed to be a family party. We saw the old bird feeding young on wing repeatedly at an average height, certainly 200 yds. Dan knows of two nesting [illegible]

Glendale – Lemon

Ther SUN. JULY 13, 1913 Wea
7 a.m.

Clear & warm with hazy a gale blowing from S. W. Heavy thunder storm about 11 P.M.

Spent forenoon writing letters. At 1 P.M. started for Lemon with Dan & Mrs. French in their Locomobile touring car and with Chauffeur. Reaching the Clarke's place we drove there with Mr. & Mrs. C. their son & a Mr. Shattuck of Long. After dinner started about one for place accompanied by Miss Thompson the Clarke's Dan & Mr. Shattuck. Soon after leaving Grandiford [illegible] designs originated by the Clarke Co. Exchanging hats driving in & changing back again. Reaching Lemon at 2.30 P.M. Mrs. Clarke & Miss Thompson left us & we [illegible] a fine [illegible] 2 for Mrs

Glendale

Ther MON. JULY 14, 1913 Wea
7 a.m.

Brilliantly clear & delightfully cool with high N. W. wind.

Writing most of day. After dealing with various letters I began a resume of my bird notes made on Concord Gro[illegible] past spring & exploring & [illegible] them from [illegible] data on field trips & during.

Spent an hour in Shackle ford after dinner running off photographs for Dan & self. Lemon is well as any one, to be working all the while on his [illegible] movement.

We were on the road to Capistrano Cañon – 5.6:30 P.M. Margaret returned at 1.30 from riding

Glendale

Ther TUES. JULY 15, 1913 Wea
7 a.m.

Brilliantly clear & pleasantly cool with fresh N.W. wind.

Spent most of day working in my Chamber, working chiefly on Concord Bird notes. Dan & I ran over Lexington about the place & in neighboring woods from 5 to 6.30. Watch Mrs. F. & Nat Hubbard & Stockbridge Bris coming to dress on the Cranesthistle E.S. Haven the only others given a moral rebellegard & will unfrequent moan with others. I had a busy talk. I met him years ago in Lexington when he had a camp on Richardson Brook. A Hummingbird singing faintly near house during afternoon I went to bed & again very early

Glendale

Ther WED. JULY 16, 1913 Wea
Barred Owls 7 a.m.

Clear & cool with moderate N.W. wind. Hummingbird singing faintly just before day broke, two Robins singing just [illegible]. Wood Thrush a little later

Spent most of day in Chamber writing letters & Concord Bird notes at 5 P.M. Dan & I climbed to Lexington Hill mountain behind house. We had soon to return but I remained there until 7.15 lying on the grass, half asleep at times. It was a delightful afternoon the air was soft & nearly calm, the [illegible] singing, Ch. Red-eye, Orchard, Brood of young Meadowlarks, a Crested Flycatcher & a Phoebe came & went among the Chestnut trees near me, Barn Swallows, Cliff Swallows & Purple Finch not far off. As the sun declined Birds began singing from more & more all around me. I could hear a Hermit Thrush, Wood Thrushes & Field Sparrows. Mingling with their melody was that of the chestnut chimney at Stockbridge, both. 2 Barred Owls hooting & Quail whistling where I could hear

n. s. (many times) 5
n. s. (many times) 5
n. s. (many times) 5

Glendale

Ther THURS. JULY 17, 1913 Wea
Fair

Partly cloudy, Comfortably sunny. Warm again south fresh S. W. wind.

Spent day in my room writing, working chiefly on the Concord bird notes, Family busied in preparations for the Silver wedding dinner to-night. At 6 P.M. I went to Tennis court to see Don & Maynard Cowan playing and sat there from half an hour, during which, as I knew near at hand, how Wood Thrushes sang considerably. Then, a Sanford friend had lent me Second Series Chron of English Literature; Novel: T. C. Hardy Barrel Organ which I began reading & then as I sat by my open window, the ordinary carried me back in thought to the Shropshire Farm Life Beautiful & pathetic story of [illegible] Father

Glendale.

Ther FRI. JULY 18, 1913 Wea
Fair

Forenoon cloudy with light showers afternoon clear & warm

Spent most of day in room working ... Concord notes. Mrs H's afternoon ... in the p.m. 4-6. Only two guests Came. Spent Concord of Wood Thrushes 6-7. Two Kisbirds in field song in early ... Chipping. Heard chestnut & Hudsonian Chickadee ... [illegible]

Glendale - Lenox

Ther SAT. JULY 19, 1913 Wea
Fine

Clear & fine a gradually warm with light westerly breeze. A perfect summer day followed by a calm, cool brilliantly moon-lighted night.

Walked in my room on Concord Brick motor until 1 P.M. when with Mrs. Tiemann to Mr. Mayhew's & started for Lenox to lunch at the Dixie's. Found Peace reading Hawthorne's "Tanglewood Tales" in a house no longer vacant. Besides Mr. & Mrs. Dixie & her daughter Miss Jaffray we met a Miss Myer, an invalid in chair. Luncheon in the [illegible] & afterwards sat on [illegible] piazza, looking off on the Berkshire Hills. Home by 5 P.M. to walk an hour or more later.

Ward Thornton. Arriving Florence 6.6.30. Mr. Brooks to night

At 10 P.M. received Ward's book Gentlemen, Good Luck, Love, Ward.

Glendale

Ther SUN. JULY 20, 1913 Wea
Fine

Forenoon sunny & warm. Brief thunder shower at 1.30 followed by cloudiness terminating at 6.30 in a brilliant effect of sunshine gleaming through a rent in the cloud banks in the west.

Spent morning in my room writing letters, much of afternoon on piazza reading. At 3.30 P.M. for a day of us started for Stockbridge Mr. Mayhew & a young man to take train for New York, the Tiemanns & I as guests of the Tuckermans. She received us in the parlor where he was seated & afterwards we walked about her extensive flower gardens with little paths. "Rabbits" & other kind. Home by 6.30 Ward Thornton arrived at the Brooks.

Glendale - Lancaster.

Ther MON. JULY 21, 1913 Wea Fine.

Cloudless with light N. wind.
very slowly warm. In my work all day
Worked through forenoon on
completion of Common Bird notes,
now nearing the end. At 3.30
Mrs. Tweed, Hemingway & I started
for Lancaster to attend a meeting of
The Garden Club at the Fieldinghouse.
Many being absent we were relieved by
Mrs. Tice's hostess, Miss Myer. About 30
ladies & Stockbridge people attended
on a ticket basis all kinds of flowers.
Mrs. Tice presided. After reading of
reports & discussion of Delphiniums I
was called to say something about
Bird Squawks which I did, urging them
only those in their district Concerned & were
listening to Talks (Rangers had Thursday
a dreadful storm about here). Both
we were all taken through Greenfield
& Lancaster woods & Gardens Englands
in [illegible]. Home 6 by P.M.

Glendale

Ther TUES. JULY 22, 1913 Wea Fine

Clear & warm south light W.
wind. A delightful Summer day.
Robins, Chippies & Red-eyes still
singing freely & work at most hours
of the day except the hotter ones.
One of our Wood Thrushes still
floods the woods just behind the studio
with his glorious voice & God. Fitting
other boys in are becoming silent
within. Our [illegible] days although
at their very best but there is work ago.
Most of the Warblers are now mute
but I hear not actually amused to
hear D. tristis or Catharus. Young
Hermit Wrens in nest under foot of new
Chatter almost constantly in search thru
dense harsh thready tones of their
own - Adelbert's.
Work called in forenoon. Worked on
Common notes from 1 to 3.30. P.M. then
at 5 P.M. - Dan & I climbed hill [illegible]
steadily, Chasing out the kalm of the woods

Glendale.

Ther WED. JULY 23, 1913 Wea fine

Stormy & very warm with light S.W. wind. Thunder shower at 4 P.M.

Spent most of day in room working on Concord notes.

In late P.M. Dan & I called on Mackintosh in his attractive little house. On our way thither we heard a Barred Owl hoot once in fine woods on South side of road. Saw Field Sparrows & Vesper Song Sparrows in full song. Heard also what I took to be a Yellow-breasted W. with abnormal song. While returning saw a Rabbit under isolated apple tree in field. It seemed to have very long ears & looked less like an English Rabbit. A Sparrow Hawk soaring southward over the studio this morning paused here on fixt wings for a moment, facing the fresh S.W. wind.

Mrs. Tolman [illegible] gone to go to Kingston. Dan heard about [illegible] doc. from a fellow in Chester [illegible] 1876.

Glendale.

Ther THURS. JULY 24, 1913 Wea Stormy

Cloudy with strong S.W. wind and fine rain falling at intervals but not sufficiently to wet more than the surface of the drought-hardened ground. The grass is recovering fast, however.

When I came down to breakfast at 8 I found that the brood of young Hawks had left the nest (they were calling in its last evening) under the forced and hasty circumstances through Dan's throwing down the old birds were feeding them.

At 6 P.M. Dan & a young Scotchman with a long rod which he called "a fork & line" hammered vigorously for some time with his sheep bell, hoping it as a Jay does an acorn.

Spent day in house working on Concord notes & almost finishing them. Mrs. T: & Margaret go to Boston to luncheon.

Glendale.

Ther FRI. JULY 25, 1913 Wea
-Fine

Fine & cool with Strong N.W. wind.

In the early morning I went on bird thoughts. Ten days birds of various kinds were singing with renewed vigor & freedom because, we decided, of the Cooler weather. Any abnorl. change in this direction is likely to have this result. The Hermit on the Mt. was in full song at evening

Walked most of day on Introduction to Language, writing it. Mrs. Francis after noon reception in Studio 4-6.

Met Miss Houghton & Boston. Wm & I accepts to [illegible]

Glendale

Ther SAT. JULY 26, 1913 Wea
-Fine

Clear & cool with fresh N. wind. Robins, Red-eyes, Song Sparrows & Chickadees singing very much here all day. & Hermit Wren in full song for hours in & about porch. Saw nothing of birs north & Oxford.

Worked on Revision of Introduction in forenoon & afternoon, reading from proofs. Miss of Margaret's young man friends arrived yesterday from New York for a week end visit & are now north in residence.

I continue to be provoked by the cold Robbs here. Don't I learn of very confiding one accompy fence yesterday. It seemed to me rather a Bostonian. Tail quite red Body fine. Legs rather pinkish. Wonderful Show of Stars to night. Rarely are they so numerous or [illegible]

Ther SUN. JULY 27, 1913 Wea

Glendale.

Ther MON. JULY 28, 1913 Wea

Nocturnal migs begins -Fine

Sunny & very warm excepting between 12.30 & 1.15 P.M. when a heavy thunder shower was raging.

Bird songs declining a trifle & rapidly more. Heard Robins in full song at sunrise, Red eyes & Chippies in full voice, a Hermit at sunset, Flicker in forenoon the sounds of the town distinct for many minutes at a time. After dark this evening, while sitting on the piazza for an hour I heard a Night Heron calling at short intervals as it flew south over following the course of the river, a Cuckoo uttering the KOW-K-K-OW call in dreamy tones & the lisp of a Warbler or perhaps nocturnal migrant all day on account of fog.

At least [illegible] migrant heard

P. M. I went down to New York by 1.30 train & returned by the 6.45

Glendale.

Ther. TUES. JULY 29, 1913 Wea. 7

Glendale

Ther WED. JULY 30, 1913 Wea. Fine.

Ther 81° THURS. JULY 31, 1913 Wea fine

Ther FRI. AUG. 1, 1913 Wea

Glendale.

Ther SAT. AUG. 2, 1913 Wea
First Tree Cricket: Fine

Clear & just comfortably cool with light easterly wind.
Robins singing well in early morn, Chaffinch & Red eyes in forenoon, Herons flew over at sunset. Dead silence during rest of afternoon. Migrating Warblers heard chirping twice about 4 P.M.
Black-headed Gulls flew up river repeatedly at same hour as this morn however.
A Tree Cricket chirping a little, softly, at intervals this morning. Margaret departed with Mrs. Hutchinson for Kingston this morning. Did a little more of day at my door, making final alterations to complete a first sketch for the Introduction.
The late P.M. went to Peaslake where Dan & Rosheen were at work on a new seat.

Glendale - Leonard.

Ther SUN. AUG. 3, 1913 Wea
Fine

Clear & comfortably warm.
Robins still singing freely in early morn and Chaffinch Red-eyes & Song Sparrows through early forenoon.
A rather brisk chorus of Tree Crickets this evening.
Spent most of forenoon the pasture with Dan who worked for upwards of an hour, in the bracken, down, cutting down saplings & bracken that interfered with the view from the seat. Finished yesterday.
Went fishing after dinner. Starting at 4.30 Mrs. F., Dan & I motored to Leonard to make a prolonged call on the Misses Goodman. They live in a house built about 100 years ago by Judge Wallis, abounding in handsome interior woodwork & old fireplaces. The grounds laid out by their late father - are the most picturesque of any I have yet seen here. Dan left us early & got home

Glendale

Ther MON. AUG. 4, 1913 Wea Fine.

Sunny & cool with fresh northerly winds. Robins sang only a little soon after daybreak & then but listlessly Red-eyes & Chippies kept at it thro. forenoon with more spirit. Song Sparrows almost wholly silent. A Field Sparrow in almost full & rather frequent song in Lake P. M. when I also heard a Black & White Creeper once & an Indigo Bird several times. For the Heavens I bid wind in vain this morning.

For three days past I have been working at a stubborn passage in my Introduction with and bringing it out as I wish. To-day's work on it passed finishing & to my thinking I have good to walk over to Marlborough for a chat on Lake P. M. This morning Mrs. T. read

Glendale

Ther TUES. AUG. 5, 1913 Wea Fine

Sunny but hazy. Very cool with light northerly winds.

Bird songs declining rapidly now. Robins severely silent for first time. Chippies and Red-eyes singing listlessly at all hours, Heard a Song Sparrow & an Indigo Bird a few times.

Swifts gathering in rather large numbers in late P. M. over Lake Village. A pair still feeding young in nest in Dan's studio chimney.

A solitary Meadow Hawk seen by Mrs. Clark on his lawn & one by me in Bee.

Devoted most of A. M. & early P. M. to the bally paragraph in Introduction & to my satisfaction at last.

Mrs. T. & motored to Concord at late P. M. to Lazell party given by Miss Hutchinson & her daughter. for Lady Wonderful flower gardens there. Walked through with Miss Myers & a young "bird girl" from Mrs. Hunt's. Back to Stockbridge at 7.20 to meet Dan returning from Bos

Glendale

Ther WED. AUG. 6, 1913 Wea Dull

Cloudy & sultry with light showers through day and heavy rain after dark.

Chippies & Red-eyes still singing. Heard a Magnolia Warbler first chirp cheerfully and then sang several times. Barn Swallows hawking somewhere in struggling flights in mid & late afternoon. At least 20 seen in all. Spent most of forenoon working down in the pasture where Ha & Lois were pasturing Lois' ground on account of their working crowded Hattie for room to hang Horse blocks in stone a Corrosion. Hang were knocked in one place & left Cabin night dog!, At 7.5 I motored to Stockbridge with Mrs. French to dinner with Mr. & Mrs. Maxima Colonel & wife in Congregationalists. It rained heavily most

Glendale

Ther THURS. AUG. 7, 1913 Wea Muggish

Largely cloudy, partly sunny; sultry with fresh S.W. wind.

A Robin singing freely & faithfully in early morning, Chippies & a Red-eye later in day. Song Sparrow still feeding young in Studio Clearing. Lots Horse Mowed - & next clover. among flowers in garden. Gold flowers in full bloom - Red Squirrels & Chipmunks getting apples but eating only few seeds. Heard Veery & Wood Thrush singing a little in Beech Savannah. Two Wens in Lois's & Hannah garden.

Spent much of day on farm reading & receiving letters. In the pasture I mowed Lois' stone fence & Mrs. Hannah Hattie Horse Mowed. Margaret, Dorothy Dawson, Hattie & Read & wood gathering.

Glendale

Ther 81° FRI. AUG. 8, 1913 Wea Fine

Clear & warm with light southerly winds. Birds nearly silent. Heard raven in lovely full song. Wrote to C. yesterday to say that I should return to Cambridge to-morrow. Telegram from her this morning requested me to post from coming until her letter arrived. So I shall await it & remain here over Sunday. Having begun preparations for departure my work had been laid aside. I shall resume it to-day but spend most of the time in the garden with the young people on hillside & write here in studio when I "feel equal" for his figures & Hughes Stanton's beautiful woodcut group.

Only four pupils came to get tea.

(20) Bought some studies on Sunday

Glendale

Ther 86° SAT. AUG. 9, 1913 Wea

Sunny, humid & very warm with fresh S. W. wind.

A Robin sang a little at sunrise, a Red-eye later in the day.

I wrote letters & sat on piazza talking with the young people, packed for Essex in the studio and in mid-afternoon went with Irvin & Thorburn to the coast & the cliffs near Manchester where my Companions climbed a steep bluff above the sea. We all bathed this morning in the garden talking & talking steadily & keeping at it until almost midnight. Mrs. Sloan & Elizabeth arrived with us. Mrs. Farrar away on the Connecticut for night

Glencoe

Ther SUN. AUG. 10, 1913 Wea
7 am

Sunny, warm, humid. Wind S. W. from W. finally N. W. with showers & thunder are at evening.
No bird singing heard.
The foreman Dan & I walked down the road to call on Mackintosh but he had gone to Canada for the day.
Saw a Redstart & Canada with young & Chickadee, en route.
We all spent afternoon on piazza talking with neighbouring ladies & gentlemen & by the Rattlesnake Jack Savage who departed at 5 P.M.
After that I am & V went to the pasture after cattle.
A Robin sings again & another now
(6.45 P.M.)

Glendale.

Ther MON. AUG. 11, 1913 Wea
68° max. 7 am

Brilliantly clear & refreshingly cool with high N.W. wind.
No bird songs heard to-day.
Dan set all his men to work this morning on a new path leading through woods to the dead overlooking Lorch Swamp. They kept at it all day & had it finished by 5 P.M. I saw with them none of foremen as was down part of the Glen. In late P.M. he & I walked down the road to call on Mackintosh whom we finally found in his boat. Position when I took a single plant of Dermodium Canadense in full bloom. Spent evening on piazza discussing Abbott Thayer's "Concealing Coloration" with Dan

Glendale — Cambridge.

Ther TUES. AUG. 12, 1913 Wea Fine

Clear & very cool with light N. wind. Red-eye sang before rising at 5 A.M. Soon after breakfast Albert Hutchins & I said good bye to the Investors & started for Petersfield with 3 inflated tires carrying the motor car. It was like a crisp September morning & the ride was very delightful. Reaching our destination we took the 10.35 train. Will Francis alighted from it having come, with his younger boy, from Chicago. I had not seen him for 30 years or more. Hutchins & I walked out the road to Sawbridgeworth to inform relatives of people buried in the Bellamour Farnham & W Cemetery.

We dined together at Petersfield Club. Reached home at 5 & found C. cooking & singing in the Garden. Lit the Evening with flowers. Saw a Pewee Flycatcher & Crows there & heard a Blue Jay.

16

Cambridge.

Ther WED. AUG. 13, 1913 Wea Fair

Forenoon sunny & cool. Heavy thunder shower at 3 P.M.

Spent most of day in Museum writing letters & tongues for Hutchinsons. Had breakfast dinner & supper on back piazza with C. She worked in the Garden after breakfast. It has never before seemed to me quite so beautiful as now.

Saw at or in the Jungle 9 species to-day, 2 Robins, a Redstart, a Water Thrush, 2 Crow Blackbirds, a Goldfinch, a Phoebe, 2 Jays, one Oriole & a Kingbird besides a Sparrow Hawk. Rain came & a Storm passed over it. Last night I heard a Screech Owl in the Chimney.

C. read the Transcript to me this morning & we had a good long talk

Cambridge, Boston, Concord.

Ther. 57 THURS. AUG. 14, 1913 Wea
Upland Plover. Fine

Sunny & cool with light E. wind.
Two Robins & a Redeye seen in Garden.
Goldfinch & Song Sparrow heard there.

To Boston at 10 a.m. Had a long talk with Arthur about School matters at Wolfeboro. Took 11.35 train to Concord where Jim & Mrs. Watson met me at Station & took me to the Colonial where we had dinner. Just after it Jim & I walked to Hapgood Hollow where he outlined my scheme about various changes in the Farm Equipment in connection with the Memorial Cabin Hollow on Nashawtuc Hill. Mrs. M. & I then drove home, reaching there at 3.30 p.m. Found Bob Hosmer standing by corn in large pond Hyporia Hammond [illegible] with small motorboat. Will leave in a week Saturday or Monday. Mrs. Hosmer came to see Mrs. Watson. Saw a Great Blue Heron standing by dock in large pond Hyporia Hammond [illegible] with small motorboat. Will leave in a week Saturday or Monday. Mrs. Hosmer came to see Mrs. Watson.

2 Cedar Waxwings seen in trees.

Cambridge

Ther. FRI. AUG. 15, 1913 Wea
[illegible]

[illegible]

Cambridge - Boston - Cabin

Ther SAT. AUG. 16, 1913 Wea Fair

Clear & fine with light S.W. wind, cool & fresh at eve. on Cape.

To Harvard Sq. at 10 a.m. Get hair cut then to Boston. Walked with Arthur as far as Arlington St. Parted with regrets to C's new room, for which he proposed to commit by sending [illegible] down, & I have walk along with Almy, part with from Boston & part with Dodge down. Dinner at Young's, Almy's room 2. C's location, intensely hot ride to W. Barnstable, Bay of Cook's [illegible] & Dorothy Wells taking us in hand, Mabel with C's letter to meet us. W. Almy, [illegible]

Walked through woods, Pilgrim Spring

Cabin

Ther SUN. AUG. 17, 1913 Wea Fair

Clear & warm with fresh S. W. wind.

Out sailing in forenoon with Almy, his daughter Mary & Son Charles Jr. Beat down the Narrows beyond village to outer channel where I saw the usual spit on which I shot 2 Red Breast Snipe in June in the early 70's. Spent P.M. in & about house. Capt Almy related how Grace Bunting as result of two days shooting with a bow, pencil, 2 rods, [illegible] a gray Willet, a Black Crowned Heron, a Sandpiper, a Sandpiper, a Sanderling & 7 Greater Yellow-Legs. We ate [illegible] & had [illegible] for supper. The boys had in hand killed 80 Eagle birds on Pleasant in one day early in the season & 1 month. A hard hunting Grace & Corwin have [illegible] of it.

Ther MON. AUG. 18, 1913 Wea
Mixed

-Forenoon Cloudy with heavy thunder shower. Afternoon Sunny. Warm & sultry and very drooping. Very S. W. wind. Wood Pewee & Phoebe Wm. singing early & Chipping Sparrow in pines just outside my window at early morn. Kingfisher calling. "Jack" early forenoon in town. After shower walked with Mr. & Mrs. A. to Tom Perkins' estate I saw an interesting sight. On the gate in a very pretty flower garden & apiary Japanese Stone of fuchsias. In late P.M. Sidney & I walked through woods bordered by pitch pines to Eagle Pond, a beautiful sheet of water. In Eagles there that evening heard Chewinks Wood Thrushes Veery Hermit Thrush Song Sparrow Robin Flicker Wood Pewee Redstart on pines. 3 young Cowbirds fed by Yellowbird in cedars Warbling Vireo Chickadee Goldfinch "Eagles" Heard a Hermit Thrush call note back in woods

Ther TUES. AUG. 19, 1913 Wea

Sunny but hazy. Very cool with high N. W. winds.

Walked to Lowell River Bridge with Abby at 10.30. Had delicious oysters, fresh from water, there at Gifford's on Lowell wharf. Then through woods on Dorrell place where I saw upwards of 2 doz ½ 4 in whole pines I saw Mrs. Howell down from years ago. They average much less in size than those Abby has. Abby & P.M. I started for Smith Mountain in touring car with Mrs. & Mrs. H., Bobby & Ferris. Passing through Jerusalem Mills & reached at Cafe. Keepers finishing early Dinner at hours - an old, white-haired woman now but as towering as ever. An old woman apparently unchanged. Reached the Stone about 4 & found Will & Ethel, Mrs. Howell & Mary there

South Yarmouth

Ther WED. AUG. 20, 1913 Wea
7 a.m.

It is mostly clear with Strong, cool N.W. wind.

Spent forenoon in house. Many left us there to take 10 A.M. train. To school as usual in evening Gathering recently for Dorcas Children.

Bluebirds & Robins in evidence. 3 Kingbirds seen yesterday. Greater Yellowlegs also heard whistling at Long Beach.

To golf links after dinner with Will Stone, Kenneth Cox & Wilbur Cox. Walked over course with them seeing a Barn Swallow, a Sanderling & Semipalmated Plover. Saw several shooting this morning from boats & heard a number of reports. Saw 1 or 2 Osprey & a Sharp-shinned Hawk. Soon after this I saw a Least Sandpiper in Hen Pond Mt. Links. Heard a Red-eyed Vireo

South Yarmouth.

Ther THURS. AUG. 21, 1913 Wea
7 a.m.

Clear and very warm for a.m. Spent most of morning in writing letters. Drove Lewis about noon Bring Jean, his daughter Betty, Mrs. Mason, Betty Worthington (a godson) & I across the neighborhood roads to the Bass Hole where Mrs. Stone, Mrs. Frothingham, Lew & Peggy, and Mrs. Hamilton were found on [illegible] Lew found a Yellow Warbler's nest from a long bamboo pole. Walked out over the dock thru bathing to Sound shallows with Lew & Peggy. Saw many Terns on sand bar & a few Common Terns flying about. Saw a Spotted Sandpiper. Came back thru marsh by [illegible]

South Yarmouth.

Ther FRI. AUG. 22, 1913 Wea fine

Clear & warmer with strong S. W. wind rising at sunset & gale at evening. Flickers showing in early morning.

Spent most of forenoon in house reading & resting. Then in the afternoon, motoring to Hyannis & from there to Centerville & Osterville, Marstons Mills & Barnstable. Started for Hyannis & Long Pond at 4 P. M. with the Ellis & Hamilton.

On way Ellis found a large rattlesnake among the rocks. This fact caused a deviation & exploration for about ½ hour, on return to car & starting, nearly dark. Going to Hyannis via Long Pond. The usual brilliant sunset made by the ocean as the moon shimmering with [illegible] while [illegible] a rough little breeze [illegible] Long Pond as usual [illegible] Hyannis [illegible]

South Yarmouth.

Ther SAT. AUG. 23, 1913 Wea Stormy

Raining heavily most of A. M. Clearing in late P. M. Warm with strong S. W. wind.

Spent forenoon in house reading & talking. Went over to Uncle Frank's after dinner & took Uncle Frank's photograph playing the organ. Started for Swan Pond at 4 P. M. It is a attraction so over. Found a young Mr Davis from near the lake shore, are playing with their boat which like a sailboat in shape, [illegible] before it reached the dock by a small [illegible] Then very [illegible] & rolling on beach near the [illegible] Saw also 2 boat loads fishing in pond, a [illegible] [illegible] [illegible]

South Yarmouth

Ther SUN. AUG. 24, 1913 Wea Fine

[illegible] with light southerly [illegible]

[illegible] day in a [illegible] morning, evening, & early morning. We all went to [illegible] at 5.30 for the usual Sunday evening singing & hymns. [illegible] & Thirty people assembled there and [illegible] Dorcas Society. Mrs. Wilson of York. Walked through Mrs. Dorcas's garden on our way back. It is brilliant with a profusion of many-hued flowers. Mrs. Wilson tells me that she saw a Migrant Shrike on the golf links here on Friday afternoon a year or two ago. The Caterpillars have disposed of [illegible] pieces but little else is damaged.

South Yarmouth - Boston - Cambridge.

Ther MON. AUG. 25, 1913 Wea Fine

Clear & cool south fresh N.W. wind.

Left the Stones' at 9.15 a.m. in the mail wagon and had a "flying Griffin" ride to the Station, Fannie Brown running his old horse most of the way. Just before train came Lucretia Churchill [illegible] a small Wren boy [illegible] of the Tennis Players, in my charge & he & I journeyed to Boston together. Gilbert who met me at South Station said that C. & Daisy J. [illegible] then breakfasting at Parker House on I suppose Hubbard Main Street Station to Bird O'Grady & Hoyes & Hyde where I talked with Mackie. Started home at 3 P.M. Read a Cor. & accumulated letters & [illegible] accompanying me Gordon-Bay homely more.

Cambridge - Concord.

Ther TUES. AUG. 26, 1913 Wea
Fine

Clear & warm south fresh & cool westerly wind.

Our Garden seemed to me more beautiful this morning than any I have seen this Summer, even in Lenox. The portulaca but especially fine & Ceck a bowl of big glowing gems Went over some of the Estate matters with Darling after breakfast. Spent afternoon in preparations for going to Concord & in putting things away. Lunched alone on back piazza & with Gilbert took train at 2.08 at Belmont Junction for W. Bedford. Left things in cabin & walked to Lexington. Lectures further there. Terrific drought. Everything shrivelled & crackled. Took 2.15 Trolley to Concord. Met Gilbert at Wheeler's Barn flying about B.H. at usual

Concord

Ther WED. AUG. 27, 1913 Wea
Gilbert taken to hospital. Fair

Partly sunny, largely cloudy with sultry air & thunder showers hovering about at no great distance.

Left & Tom came down to work at Ball's Hill. We spent most of forenoon water flowers beds with the big sewer pump. Gilbert returned from Concord at 10 feeling ill. By 3 P.M. he was suffering so that I sent for Dr. Brown who said he had acute intestinal indigestion & ordered taking him to hospital. This we did in the doctors automobile, after I had hurriedly changed clothes & thrown a few things into a hand bag. After leaving Gilbert I took a turn at Colonial & then motored with the Malvens to Carlisle to call on the Robbinses & stopping for a few words at the Bells

Concord - Cambridge - Boston

Ther THURS. AUG. 28, 1913 Wea
Execution Com. B.F.A. meet. Fine

Clear & cool with light E. winds.
Left the Melvins & Will Baker
left the Colonial at 8 a.m. &
motored first to the hospital where
I found Gilbert free from pain
but very weak. Then to work
in Cambridge where I spent 1½
hours at the rooms & then went
to Boston to attend meeting (11-
1 p.m. 30) of Execution Com. B.F.A.
with Arthur & Judge Bell who came
over school affairs with us. He thinks
he may raise our deficit (a) $30,000
(but no more) & finally approves to Trustees
of Estate Com. plans & plans as now arranged
to conduct with Clothier as Comptr, made
a few purchases & at 5 P.M.
started back for Concord with Prudence.
Had a delightful ride. Weather
Heat coming on rapidly & Cotswolds

Concord.

Ther FRI. AUG. 29, 1913 Wea
Stormy.

Cloudy with a succession of rather
heavy thunder showers in forenoon
and one or two others during the
following night.
Spent forenoon on piazza of Colonial
talking with Jim Melvin & Prof.
Norton, photographs after. Heard
Gilbert - Thr. Peace & Bob Bridges singing
near noon yesterday morning & then
in afternoon Jim & I motored about
the countryside by Lexington &
Arlington as far as near Mr. Lowell's
place near Medford & Malden & Somerville
& Ward Parson Tompson & a Park in
Greenbush skirting near us. Jays
calling on every hand. Sat on
piazza through evening talking
with the Melvins & Mrs Norton.

Concord.

Ther SAT. AUG. 30, 1913 Wea
Return to Farm & Settle there Dull

Chiefly cloudy with occasional outbursts of sunshine. Warm & humid

Left Colonial Inn at 8 A.M. with Jno Melvin who took me first to the Hospital where we picked up Gilbert then to the Farm where we found the old house in which I shall abide for the present.

Spent forenoon in garden working up Letters & bird notes. Heard Horned Horn, Phoebe & Mr. Nuthatch calling. Walked to Ball's Hill & back in early P.M. Fresh tracks of 3 deer everywhere there. Started 3 young Partridge behind Knoll & Flight Hawk forenoon works on Beaver and Knoll Pickering pulled. Two bunches of big yellow dodecatheon, English plantain (new here) Jno M. Comm. down late in P.M.

Concord

Ther SUN. AUG. 31, 1913 Wea
Fine

Clear & warm with light W. wind. A rarely perfect summer day. Red-eyed Vireo & Indigo Bird singing feebly in early morning. Mr. Nuthatch and Red-bellied Nuthatch calling near house at 10 A.M. when I saw in big elm near barn 2 young Rose-breasted Grosbeaks, a black & white Creeper, a Redstart & a Chestnut-sided Warbler. Several Robins & Song Sparrows about place but no Chippies. Pheasants wholly silent & unseen during forenoon walk. Tree Crickets in full chorus about house & at Baker's Hill despite heavy thundery look of sky.

Spent most of day working Letters. Called on the Howes on Lee's Hill.

Concord.

Ther MON. SEPT. 1, 1913 Wea
-7'ine

Clear & rather oppressively warm with light S.W. wind. Nuthatches of both species, several Woodpeckers (including D. villosus & Sphyrapicus) a ♀ Tanager a Goldfinch were in the elms about house this forenoon. Also I saw several Robins, 5 Chippies, 2 Song Sparrows, a Hermit Thrush & a Cat bird about the place. Four Swifts passing at 5 a.m. & a Single Nighthawk at sunset. Talked some 2 ♀ Ors Carlton Grade at Bake House at 6 P.M. Mosquitoes an edge of frost in Every Hollow. Spent most of day working with Jones in flower garden & barn. Dug a lot of plants. Tr. to G Allen Stevens & Mrs. Cairns up & flowers for church.

Heard a Whippoorwill near house at 12 midnight

Concord.

Ther TUES. SEPT. 2, 1913 Wea
90° Mysterious night cry 7'ine

Clear & hot with light S. wind. Pleasantly cool at morn & eve. I was awakened at, or just before, daybreak by the unfamiliar cry of some bird or beast presumably nocturnal of habits & apparently in or near the big elm in front of the house. The sound, many times repeated at short intervals, was a loud, guttural hugh or augh. I cannot imagine what made the [Afterwards heard similar cry from Screech Owl] Heavy flight of Warblers. Heard them lisping overhead whenever I was awake. Only a few about the house to-day. A Killdeer in oats behind barn included a ♀ Yellow Warbler, a ♀ Chestnut-sided & a ♂ & ♀ Black-thr. Green.

Working with Jones on barn & working letters & cheques by turns. Charles Benson came up to clean the house.

Concord,

Ther WED. SEPT. 3, 1913 Wea
Time

Clear & hot with strong S.W. wind. Air dry & heavy not oppressive.

Only a very few birds noted. Most interesting of these were an unknown bird in the trees, 2 Kingbirds & a Flycatcher in Berry Pasture, a solitary Swift flying S. at 4 P.M. Heard Warblers chirping in trees about house but failed to get a good sight at any of them.

Spent most of forenoon with Jones who is mowing over the wood road just below farm orchard. Soon after dinner Gilbert motored me to Angier's Mill where I had a talk with Grant about sawing lumber. Called on Marjorie Wheeler & left home for Lincoln. Walked through Berry Pasture in evening.

Concord

Ther THURS. SEPT. 4, 1913 Wea
Big bird to-day Golden Plover Dull.

Cloudy with fine rain at intervals. Wind light from N.E. Lots of birds to-day. At least 30 or 40 Warblers in trees about house. Light so poor I had difficulty in identifying them. Most of them seemed to be D. vireos. Saw a few Black-poll, ad. ♂ Redstart & a Flycatcher in the flock. Heard a Yellow-throat & saw a pair Pewees with them. About 8 A.M. heard a Golden Crown family but did not see them. Should not be less than 30 Chickadees in Brillwood below barn. 1 Swift circling. Sapsucker's Thrush calling at evening in Berry Pas. Hear Hermit singing both p.m. & evening & Phoebe in Mellen at sunset.

Spent most of day working on flower beds with Thom, transplanting things. Walked to Mrs. Hosmer's with

Concord.

Ther FRI. SEPT. 5, 1913 Wea
Dull.

Mostly cloudy with intervals of Sunshine in P.M. Light & to S. winds Raining these last nights with heavy thunder Storm at daybreak. Cool.

Plenty of birds about house all day but fewer mig. Warblers than yesterday. In one flock of about a doz I saw a ♀ fine Blackburnian & an ad. ♂ Bay. breast whose head looked almost as black & whose breast as[illegible] almost as rich chestnut as in Spring pl. Also saw a Redstart & Sev. D. borealis. Three Warblers kept to high in the big elms & once the reddest thing I got only unsatisfactory sight on was a White, 2 Orioles, a Wood Pewee (singing) Kingbird & several Towhees & a Red eye & Thrush. Wren & a Maryland Yellow Throat singing (both birds for market past but sometimes almost constantly) in Conifers [illegible] of house. Saw Black & White Creeper in Orchard. Pheasant crowing nearly again after long silence.

Spent day with Zeph & Jason hunting Wasps through bad most [illegible]

Concord

Ther SAT. SEPT. 6, 1913 Wea
3 Dear at Balls Hill Fine

Clear & cool with light & variable winds Spent day at Balls Hill where Zeph & Jason were cutting scallops around to one another field near the house grown. Zeph saw 3 Dear there a buck a doe & a well grown fawn. Their fresh tracks were everywhere & they had taken off many lunches. A mixed flock including a fem ad ♀ Blackburnian Warbler, a few Black poll, at least 12 D. borealis, a ♀ Redstart & an adult ♂ Tanager in green pl. Saw with black wings & tail, Spent forenoon in pens Cocoons & Cocoons where we worked. Mc Grath came over twice to buy me to loan him $1000. He is badly broken up by his son Eddie's death. I told him I would consider loan matter but feared I could do nothing. Burbank came to farm house at 5 P.M. I talked with him 2 hours about talking pieces here in forenoon.

Concord

Ther SUN. SEPT. 7, 1913 Wea
Holböll's Grebe 7'air

7'oreNoon Sunny; afternoon cloudy. Warmer, with light S.W. wind.

Comparatively few birds about & no northern breeding species noted.

Saw Skimming Scoters flying S.W. from the orchard at 4 P.M. at c. Saw a ♂ Flicker showing only white in the tail as the entrance hole to a nest in which young were heard in the orchard last year. Started a Partridge in Berry Pasture.

Pheasants silent all day. Cocks "crying" at frequent intervals.

Off, after breakfast, in the Cadillac with Gilbert. We went first to the Puffers' to enquire about Burbank. Mrs. P. speaks very highly of him. I saw there a Holböll's Grebe found alive in snow on river meadows. Puffers says Peterson got another Loon and that Pepperell [illegible] Wilson works in Boston

Concord

Ther MON. SEPT. 8, 1913 Wea
7'air

Mostly sunny save for an hour or so in early P.M. when clouds gathered for a brief thunder shower. Intensely hot & humid, one of the most trying days, in fact, of the season.

A marked dearth of birds about 7'arm, where I spent day. Noted only one Warbler, a Black-poll. About 8 a.m. saw a pair of adult Kingbirds feeding two apparently fully grown & fledged young on elderberries, which they obtained without alighting by hovering in front of the cymes & picking out a berry at each visit.

Spent most of day packing & talking apples, peaches & flowers. Packed a basket of Vegetables to send to Mr. Torrey and

In P.M. visited Wilson & Hubbard in woods

Concord

Ther TUES. SEPT. 9, 1913 Wea.
Tennessee Warbler. 7 a.m.

Clear & cool with high N.W. wind. Almost frosty at evening. Not many birds about but one small flock of migrating Warblers spent much of day near house, keeping mostly in the tops of big elms. There were 3 or 4 Black-polls as many D. virens and a beautiful Tennessee, which I watched for several minutes in a small apple tree. It was a young bird with grass green upper parts including crown & rump yellowish underneath clear primrose yellow on throat & breast. Saw the fierce Peabody hawk, a dull colored one, apparently young.

George Ball began work this morning. With him were Seth & Jim Hosmer doing excavating for [illegible]

Concord - Boston

Ther WED. SEPT. 10, 1913 Wea.
7 a.m.

Clear & very cool with fresh N. wind. Frost in low lands reported. Gilbert motored me to Concord when I took 8.06 train for Boston Spending most of day in our office attending to various Editorial business & mailing out charges for Academy Conferences. Called on Mrs. Nelson at her office to enquire about Burbank whom he condemned for posing as a lover of nature but spoke well of in most respects. Visited Tollen-Teple-Rawson Olden Co to buy 600 fragrant narcissus bulbs & to order dahlias etc. Lunched at Bennett O'Grady's. Council Meeting Amer. Soc. at B.S.N.H. 4 P.M. Present Allen, Townsend, Packard, Miss Elliot, Mrs. Hemenway. Took 6. Concord at 5.14 P.M. Mulberry train Gilbert met us. Had dinner & daughter called at 8. Spent evening [illegible]

Concord (Farm)

Ther THURS. SEPT. 11, 1913 Wea Fair

Partly Sunny, Largely cloudy.
Cool with easterly winds.
A Large mixed flock of Blackbirds passed South at 8 A.M. So rapidly & indistinctly that I could identify only Two birds a Redstart & an Ovenbird. Most of the 25 or 30 others were certainly Warblers one or another kind. Through day saw 4 Kingbirds, 5 Robins, about 15 Chippers & 3 Song Sparrows; also a Catbird eating elder berries

At evening (6.20) hd. 2 Bluebirds Thrushing (Wood ones) & 4 Cat Birds on Barry Pasture & a Flicker " " near house. A Whippoorwill sang then a few notes at dusk (7:30 A.M.) & he sang loudly & loudly & persistently for at least two seconds.

Spent day in & about house. Jaegers arrived at 10 A.M. & stayed until 2 P.M. planning for a compartment pumping System. Jake Nichols came at 2.30 & stayed an hour. Fred Nichols succeeded him

Sold my old Cadillac car to

Concord (Farm)

Ther FRI. SEPT. 12, 1913 Wea Fair

Cloudy with occasional intervals of Sunshine. Warm. Light S.E. wind. Comparatively few birds about.
Saw a Yellow Warbler in oak near barn & a Nighthawk flying about high at 6 P.M. Shortly after this heard a Swainson's Thrush & a Wood Thrush in Barry Pasture. At 6.20 a Whippoorwill began & within next few minutes sang five times ceasing from 4 to 8 whips each time. The First was calling twice in quavering tones. This was perhaps the Same bird heard on Sept 2 calling once for the Third time & twice for Second.

Spent day working with Jaegers in our clean yard raking next flower beds. Transplanted Clary Zinnias & Chrysanthemums in front Border. Also finished pruning - made even. Walked three Barry Pas at evening

Ther SAT. SEPT. 13, 1913 Wea
Ford car bought. Fine

Clear & warm Changing to cooler with rising N. W. wind.
In the little "Cadillac" Gilbert & I took our last ride this morning leaving it for Geo, who has bought it. for $50, at the Concord garage & taking the 8.06 train for Boston where we spent most of forenoon buying & otherwise arranging for a Ford 5 Seated Car. Mr. Stephens took us first to State House to transfer my license & thence to Cambridge where I breakfast in Memorial & then arranged with Percy about pulling boat &c. At 4 P.M. Gilbert & a demonstrator arrived with our new Car in which we three rode to Concord in 55 minutes. Gilbert running it all the way. Reached the Farm about 6.
Thompson's song effort noted at 6.27

Ther SUN. SEPT. 14. 1913 Wea
Fine

Clear & cool with fresh N. W. wind.
Marked scarcity of birds. Noted only two bobolinks, a Black poll in orchard, a pair of Maryland Yel.-throat in bed of flowering Jimson, a few Chippies & our Song Sparrows. Indigo Bird pair. fluttering about room, against closed window of back bed room & on beams. It kept this up at intervals for forty 10 minutes. Sometimes it would cling to sash & top glass loudly with its bill. At 1 P.M. it came to a standstill of beam front room & fluttered thus for a moment. At evening a Bobolink sang three rest of Song Poem & a Sparrow Hawk called on the lawn. Spent most of day picking big, luscious Crawford peaches, Several Bobolinks. Brown Thrasher sang on A.M. Called on Miss Amy Hudson on Pelham hoard 6 P.M. She is a

Concord (Farm)

Ther MON. SEPT. 15, 1913 Wea
First white frost. Fine
3 Deer seen.

Brilliantly clear with light N. to E. winds. Fields white with hoar frost at sunrise. It did little harm here save by blackening buckwheat & corn leaves. Flowers & grape leaves escaped. Only a few migrating birds noted. 1 Junco Warbler & Hawk left in morning. Water thrush on creek by barn (seen by Gilbert). 2 Cat birds. Gray Squirrels storing in heavy frosted hickory (shagbark) in lane. Deer on Dyke there all day. Cows Red with them fighting & driving them. Half grown Cattle Tail in lane every morning & evening - bay horses & pasture. Spent most of day on Farm planting bulbs. Johnny went off yesterday & has not returned.

In late P.M. I walked to Bald Hill via Hosmer Hill & back via Bedford. 5 Robins & a Downy on Pine Hill

George Baker sees a big deer & 2 yearlings this eve. near edge of Bedford woods

Concord (Farm)

Ther TUES. SEPT. 16, 1913 Wea
Fine

Brilliantly clear with light E. wind. Heavy hoar frost at sunrise. Middle of day very warm.

Rather many birds about the house among them a Brown Thrasher, Catbird, Towhee and House Wren. Heard the call notes of one or more Red Crossbills. A Goldfinch flock frequency at evening in our Berry Pastures. There is only a small puddle (about 6 ft. square) in our pond but in it are hundreds of fish including good sized Bream. How they can live in so crowded is a mystery.

Spent most of forenoon with Lyle & Benson who were stowing a load in the Barn. Picked peaches in P.M. Walked through Berry Pas. at sunset

Concord (Farm)

Winter Wren

Ther WED. SEPT. 17, 1913 Wea

Skunk seen in bush daylight Fair

Early morning cloudy with a light sprinkle of rain. Rest of day sunny & warm with strong S.W. wind.

Only a few birds noted. among them were several Black polls, also a few Juncos, 7 Crows & a Hermit Thrush in the forsythia thicket in front of house where he was yesterday.

Saw a Winter Wren in the Run near the new well & another (or perhaps the same) several times later near Pulpit R.

Spent most of day with Zeph & Bertram who finished the well. In Pulpit Rock woods at 5.30 P.M. a Skunk came & nuzzled me until within 5 ft. I then spoke to him when he turned & ran off forcibly ejecting his hind.

Concord (Farm)

Ther THURS. SEPT. 18, 1913 Wea

Mixed

Raining most of last night & up to 9 o'clock this morning. Remainder of day fair with sun shining brightly at intervals. Oppressively warm & humid with southerly winds.

Not many birds about. At 8 a.m. saw 32 Robins flying Eastward past our house. In the trees in front of it were a dozen or more Chippies, a few Juncos & Goldfinches (calling & calling most sweetly) a Cat bird, 2 or 3 Black-polls, a D. virens, several Jays. Heard a Hermit Thrush at evening in thicket in Berry Pasture, singing long & loudly. Spent most of day with Zeph & Gerry working on flower beds front of house.

Concord. (Farm)

Ther FRI. SEPT. 19, 1913 Wea
Stormy

N.E. rain storm with moderate but steady down pour and not very heavy but chilly wind. It will pass, no doubt, for the "line Storm".

I set as the rain began, about 8 a.m., Gilbert & I hurried to the peach orchard where we found the ground covered with fallen with big Crawfords. After picking up the best of these we got nearly a bushel more from the trees, leaving more or less not quite ripe fruit to hang still longer.

Spent most of day in house rearranging things with Gilberts & Lights help. I told Zeph on evening of 17th that Burbank is to take his place next month. He said he was glad, as the work is

Concord (Farm)

Ther SAT. SEPT. 20, 1913 Wea
Cape May Warbler Stormy

Drizzly cloudy with light N.E. wind & a fine drizzle of rain falling ceaselessly & dripping from trees. A mixed flock of fully 30 Warblers close about house 7.30-8 a.m. They kept mostly in tops of big elms & were exceedingly restless so that I failed to identify many of them positively. The majority were evidently Black polls & Yellow Rumps. Besides these there were one or two Ussia Warblers, a ♂ juv. Mniotilta & an exquisitely beautiful ♂ Cape May. The last named I saw first in a little apple tree (the "Wealthy") in our garden & later in a small oak in the lane. On both occasions I watched it for several minutes through my glass at distances of only 12 to 20 feet. It was very yellowish beneath with legion dusky streaks on breast & sides. The upper parts were plain dull green with a rump dusky olive yellow. It was exceedingly tame & grovelled & scrambled

Concord

Typical ad ♂ English Pheasant.

Ther SUN. SEPT. 21, 1913 Wea

Cock Grey Warbler again. Stormy

Lions brooding clouds & incessant fine, mist. like rain driving before moderate N.E. wind. Very warm. Good weather for storm bound migrants & lots of them here. Big mixed flock, Brich-Field, 4 Red., included 10 or 12 Black-polls, a Black Thr. Blue, 4 or 5 D. Vireos, a Chestnut-sided (ad ♂) a Redstart (ad ♂), 7 Chickadees, a Tree Creeper, 2 Juncos, a White-Th. Sparrow, a Swamp & a Song Sparrow, a Red-bellied Woodpecker, Swallow flock on Pine Hill last evening. Black-polls & Redstarts (ad ♂) a Minot's & 2 D. Vireos at the Farm Pond 25 Robins feeding here E. at 6 a.m. & about noon a ♂ Cape May W. (a dandy) the same bush yesterday) a flock of 6 Chewinks in the meadow. The Cape May was feeding in one bush with a D. Sheath, 2 Chippies & a Song Sparrow. The Chewinks were in a contiguous & I at ♂ Field Sparrow with a ♂ Chestnut-sided (ad ♂) Redstart (9 ft.) Called on the Hoars. Walked to North Hill & P.M.

Concord

Ther MON. SEPT 22, 1913 Wea

Stormy

Torrential rain coming in an endless succession of heavy showers which flooded roads & left ponds & shallows in fields out between times the sun sometimes shone dimly. The south-east wind at times blew a furious gale breaking off branches from the noble old trees. The air was oppressively warm & humid.

If there were many birds about I failed to see or hear them. 7 or 8 Robins feeding low, several Bobolinks calling derisively, a dozen Chippies in the mallet, a Song Sparrow & a White-Th. Sparrow bathing, were all I remember noting.

Spent most of day close about house planting bulbs etc. between showers. Saw Mr. Cann down by the [illegible] for an

Concord - Cambridge.

Ther. TUES. SEPT. 23, 1913 Wea
Farm

Clear & warm with fresh W. wind.

To Cambridge for day leaving Farm out & in Jim Melvin's by C'ar. He & Mrs. M. joined me at Concord. We had a delightful run down. Found that Percy had only planted a fraction of my number bulbs. He & I with John Sheehan finished the remainder of them. Called at Abrey's to leave Jonathan & Aunt Helen & Betty. Left some also at Miss Blatchford's for Mrs Saunders. Motor at noon Percy bought lunch for me.

Robin, Chickadee, 2 Black-polls, Water Thrush, Junco, 3 White-throats & a Jay in the Gardens. Returned to Concord by 5.06 train to Ballard & bicycled round thence to Valley Farm & Hubbard Nest rec. House Warbler in full song at Farm 7.45 a.m.

Concord (Farm)
Big migration. Country flooded with birds

Ther WED. SEPT. 24, 1913 Wea

Orange crown Warbler, 2 Louisiana T. 7 in Brilliantly clear & fine comfortably warm with little or no wind. A rarely perfect day.

Spent forenoon out of doors rambling about Farm orchard & woodland seeing only a few birds & no Warblers save 6 Black-polls, an Redstart & a ♂ Black-throated Green in Cedars near Melvin cairn down twice / over for peaches, once to thank Mrs. Suter the 'pleas.

Small Deptn cairn at noon for dinner. Just after 11 (ca at 12.45) sun struck down the Cairn to Richris pleas. To my surprise we found birds everywhere in very unusual numbers & in the only places basking & thirsting this forenoon. Realising that a great flight had come in from somewhere during intervening Spent remainder of afternoon in covering as much likely ground or possible, walking via Beach Field to & around Ball's Hill & back across many Rarely if ever before in autumn have I found Thrush migrants in such enormous numbers & so widely & evenly distributed. They were literally everywhere in every kind of cover but nearly numerous in glossy bushes which bordered with thorn. In all we must have seen upwards of 200 Black-polls, 50 Veeries Olive-backed Spotted, 30 or 40 Hermit Gray-cheeked Thrushes & at least a dozen Wilson's nearly Swainson's with 1 Bicknell's. Of rarer kinds we saw in Beach Field an Orange crown Warbler & a typical D. palmarum with 3 or 4 D. hypochrysea; in Barry Pasture 2 Louisiana T. which at first we oblivious, later on Rose noticed shown & proved. 3 Redstarts & a few of Magnolias & a few. 6 Black-throated Green seen. Doctor heard Warblers & Thrushes & 1 Waterthrush near spring in woodland

Concord (Farm)
Continued heavy frost 10 a.m.

Ther THURS. SEPT. 25, 1913 Wea

Bay-breast & Nashville Warbler. 7 a.m.

Cloudless, calm, very warm & summerlike. Clouds gathering at eve. The flood of south-bound migrants continued on to-day but they were scarce on half as abundant as on yesterday. About the Farm & in Birch Field I saw during the afternoon upwards of 100 Blackpolls 20 Yellow-rumps & 25 Black-throated besides a Magnolia, an Ovenbird, an adult (?) Bay-Breasted (with heavy bars of bright chestnut on flanks) 2 Nashvilles, an ultra typical D. palmarum (Birch Field) & many a typical D. hypochrysea. Upwards of 40 Chippies in woods on fresh ploughed Spent most of A.M. mowing about Concord. Left for the Everglades, Florida & Rockingham Park near Slidell, Louisiana for two weeks in P.M. Rowed about Farm & woods in P.M.

Concord (Farm)

Ther FRI. SEPT. 26, 1913 Wea

7 a.m.

Sunny (but hazy) with strong S.W. wind. The warmest day for week or more. Birds numerous but restless & hard to observe closely because of windy weather. Many Black-polls in orchard & shade trees near house. Nonesuch Warbler singing feebly, 7 a.m. & Black-thr. Blue in low apple tree in front of house chipping exactly like Junco. She was very tame & curious concerning my pole pruner at work in tree. Once she attempted to alight on it. I took it down & rested it for a moment. A pair. Saw male climbing oak trunk in grove behind barn, 4 P.M. Hermit Thrush chirping in wood-path by orchard Six Pheasants (one adult ♂ colchicus) in market feed at 6 a.m. & later. Many Robins. Mr. Spooner about grafting. Spent most of day in orchard marking branches to be cut with red bands. The Nelsons, Mr. & Mrs. & Miss Robbins, Mr. & Mrs. D. Jr. & Miss Brown on hand

Concord (Farm)

Ther SAT. SEPT. 27, 1913 Wea
Mr. & Mrs. G. M. Allen Fine

Clear with high N. W. wind.
Cool in early morn. Warm thru day
Fair number of Black-polls &
Redstarts. Others absent. Sapsuckers
& jays. Seen at intervals in big
Baldwin apple tree in front garden.
Sang twice add a few soft notes to the
morning medley including the trunk (cf notes)
Starting at 8 a.m. Walked N.
Northward to Concord where I called
on Mrs. Garrett & saw his wonderful
Chestnut grove & a little of little
orchard & grounds. Back by 9.30.
Spent morning at desk transcribing
things & finishing something started.
Mr. & Mrs. G. M. Allen called
by a late afternoon train.
Wind Northerly about fresh before & gentle
sunset. Colder & lovely evening.

Concord.
Another Skunk Cabbage

Ther SUN. SEPT. 28, 1913 Wea.
Mourning Warbler. Glorious

Brilliantly clear & just comfortably
warm. Really perfect day. Light
N. W. wind.

Autumn coloring of red maples, Sassafras,
Tupelos & vines about at its height but
much less brilliant than common.

As I was starting out raspberry patch
about 9 a. m. a Mourning Warbler
began chirping excitedly in thicket
bordering lane. A few seconds later it
appeared directly in a thin-foliaged bush
in clear sunlight about 30 ft away.
I looked at it through glass for
nearly 2 minutes. It was quite
ashy on top & sides & head with
indistinct white eye-ring & broad nearly
unbroken clear bright yellow - any
markings I overlooked. Started Allen & I
decided to find it & soon called him & Mrs. Allen & Gilbert.
We started for Concord at 10 a. m. Mr. Sprout at
work on house at the Corner of Garrett
& Stow Rds. Mr. & Mrs. G. M. Allen & Gilbert
Garrett. The Allens left for home
at 3.10 P. M. Nelson (4 Hermit Thrushes
T. Caward Henry Hillsmore called on me to. Many

Concord - Cambridge.

Ther MON. SEPT. 29, 1913 Wea 7 a.m.

Clear & warm with light S.W. wind. Summerlike day with Cicadas singing fine by.

To Concord at 8 a.m. in our car & thence to Cambridge with the Melvins in theirs; very little autumn coloring along the way. A few days records & letters brought on board at 8.55 a.m. from C. & E.R.S. there. They returned from Bethel on Saturday.

Spent forenoon with Percy planting bulbs. Garden alive with birds. Saw or heard there 3 Robins, a Swainson's Thrush, Water Thrush, Ruby crown K., Red-eye, Yellow rump, 2 Black-polls, Red Bellied Nuthatch, Junco, Goldfinch, 2 Jays. Walked to Square with C. at 12.30 & home in time. Signed quarterly Chapman on Steps & Jane Addams. Lunch at Brooks O' Grapes. Back to Concord by 4 P.M. train. Talked all the way with Dr. Henderson

Concord (7 a.m.)

Ther TUES. SEPT. 30, 1913 Wea Dull

Cloudy with light E. wind, then sky clearing in W. just before sunset.

Not many birds except Hermit-Thrush which screamed all day about the grapes & in Berry Pasture, going to roost at sunset. At 7 a.m. saw 45 Cedar Waxwings flying low & steadily South; at 8 saw Green Blue Herons heading in same direction & seven higher than this. Lots of crows; at 5 P.M. a few & Sapsucker in elms & Phebe down along house. Spent forenoon on cedar spring where Tom & George worked on road; afternoon about house planting bulbs with Gilbert. Shoveled through Berry Pas. gate. Before & after dinner & supper. Fine evening then all told, mostly of red maples & high blueberry foliage

Concord (Farm)

Ther WED. OCT. 1, 1913 Wea
White-crown Sparrow Dull.

Cloudy with occasional sprinkles of rain. Cool with light E. wind. Orchard & bordering thickets alive with birds mostly White-throats, Song Sparrows, Chippies & Yellow-rumps. Much singing in forenoon when I heard a Purple Finch, Song Sp. - White-throats many trills & a Chippy & Pewee. Hardly any. The White-throats in assembly but mostly fussy. They are feasting greedily on ripe Concord grapes & scarcely above ground. They like the little Delawares still better, but do not touch Niagaras. Both Downy & Hairy in a group over at 11 a.ill. I saw an adult White-crowned. It was calling white incessantly. Spent day pleasantly & accomplishing much with Jessie's help. Zeph & Jerry working on elm stump on hill. Vickie brought back our Ford car with new horn. Mail from

Concord (Farm)

Ther THURS. OCT. 2, 1913 Wea
Stormy.

Heavy N.E. rain storm through forenoon followed in afternoon by succession of tremendous showers with some thunder & calm, sultry air.

Spent day clearing out the Bungalow with Zeph, Jim & Georgy removing from the garret a vast amount of rubbish, the accumulation of many years, burning what was worthless & storing the rest in other places, to prepare the building for Barbauld's occupancy. Saw Lawrence's gray cat. Treat feast with a Chipmunk in her mouth - the last I shall see, left on the place the Cats having caught about all of them. Gray Squirrels scarcer, Reds scarcely represented. Hordes of White-throats in grape vines & elderberries. Yellow-rumps coming over daily.

Concord (T'arm)

Ther FRI. OCT. 3, 1913 Wea T'ine

Brilliantly clear & almost oppressively warm despite a fresh N. W. wind..

Having had increasing trouble of late from distressing pains & soreness of back & sides I sent for Dr. Chamberlain who came down this morning & spent an hour. He finds nothing serious but only the old bladder trouble aggravated. Jean & Mrs. Melvin followed him closely & took up the rest of my forenoon.

P. M. I planted apples, planted bulbs & walked to Bryant's via Birch-T'aids. Whistling Swans as numerous as ever about 200 Robins in Lane. Many Juncos & Chippies. 2 Cat Birds. Bluebirds & Song Sparrows.

Concord (T'arm)

Ther SAT. OCT. 4, 1913 Wea Dear. Dull.

Cloudy with frequent light showers. Very warm although there was a brisk N. W. wind. Sun set in clear sky.

Not very many birds. White throats perceptibly fewer altho still very numerous. Chippies & Juncos in larger numbers. T'rush Hermit. Ô jiv. Sapsucker in elm at N. W. corner of house climbing its big bole slowly & very deliberately every now & then tapping on its thick bark.

At Sunset the autumn coloring in Bayey Pasture & elsewhere was exceedingly brilliant The wild roses, Blueberry, Sumach & Scrub Oak & Swamp Maple & Huckleberry & Shrub Oak & W. As I was in the Bayey Pasture a big dog came crashing past me (coming N.) & crossed the open field towards wood at a fast Coloured Gallop! evidently very tired. About 5 steps later she was followed by 2 yelping dogs. The one I saw was a Red Irish Setter. He turned back

Concord (7 a.m. & Ball's H.)
Autumn coloring at height

Ther SUN. OCT. 5, 1913 Wea
Shovelers' Pond 7 a.m.

Perfect autumn day, cloudless, warm, with light easterly breeze. A variable flock of odor everywhere in lowlands by river & roadsides. Rarely have I seen anything finer. It has come on suddenly & lasting late.

Motored to John Davis's at 9 A.M. Returning walked to Bittern Field Small flock of Yellows. Jumped them from a D. virginiana & virginiana Field Sparrows in flock (mixed). 2 juv & 9 juv. Sapsuckers in Ellis apple tree (first of season) Walked to Ball's Hill via Brick P. at 2 P.M. Hawks on Cabin Pond 3. Black Ducks fly past down river. Saw them (last Sept.) over a Swallow Pond Shrike, which on Sparrow. Similar bunting heard over Brook Cedars when I returned to Thoreau Shore. Jo looked like Coot Shoveler. Heard a dozen (very like Coot Shoveler & Teal. Heard [illegible] Brook to Farm by 4:30. [illegible]

Concord (7 a.m.)

Ther MON. OCT. 6, 1913 Wea
Dull.

Cloudy & cool with light easterly wind & fine mist falling at intervals. A big mob of Sparrows, mostly White-throats with a sprinkling of Chippies & Juncos & a few Song Sparrows most of day in fields & grape vines & bushes in front of house. Heard several Pine Warblers calling there. A few Sapsuckers digging more wells there in apple trees. Heard, probably two Jays, flying past here. About 4 P.M. at least 60 Blackbirds in two flocks of about 30 birds each, flew over towards the N. with a dozen or more Yellows. Several working on behind Stewart's among peeling apples & transplanting things. Dexter came down to dinner. After it we walked to Bittern's via Brick Field & the Berry Pastures. Coupled 3 Hawks in woods. Blackbirds called, two very

Concord (Farm)

Ther | TUES. OCT. 7, 1913 | Wea

Dull.

Cloudy & warm with just a breath of E. wind. No rain but every thing dripping wet from dews that came last night. Early autumn coloring just in spots. Red maple leaves falling in showers with the least puff of wind. A great mob of Sparrows in orchard & weedy field & about grapes. Saw at least 50 Hyla-Treads, almost as many Chippies & half as many Juncos. Only a few first Warblers & those all Yellow-rumps. Old Marsh Hawk coursing thro Berry Pasture. Two Sapsuckers in Cattle office tree of corn.

Spent most of day fussing & finishing Raspberry runners after which Sunday. Zeph hauling bundles Burkmans & his Sister Alma at 5 o'clock

Old Cyrus Clark called

Concord (Farm)

Ther | WED. OCT. 8, 1913 | Wea

Dull.

T'ry breaking.

Cloudy, misty (but no rain) warm & humid. Dead calm all day. White-throats, Juncos & Chippies about the place in almost q. vast quantities, undiminished numbers. No Warblers except three or four Yellow-rumps. A few Bluebirds flying over lots. 6 Robins in Corn. Crows cawing & Jays screaming. Practically no Pheasants seen or heard of late. They ought to be coveying freely by now. Shot a cottontail on a Partridge from a group feeding around tree over here at 4 P.M. About 7 P.M. a T'ry barked 8 or 10 times very near (in front of) the house. In the calm moonlight Caden might hit him hardly over 2 rods out almost as loud as a steam toy horn.

Spent most of day walking with Jones. Jones working fodder corn. Zeph & George pulling apples. Dr. Chamberlain called at 5 P.M. His knee nearly gone

Concord (Farm)

Ther THURS. OCT. 9, 1913 Wea
H. W. Hosmers comes Dull.

Cloudy, foggy, sultry, absolutely windless — a perfect duplication of the weather of yesterday & the fourth successive dull & sultry day.

Very many birds - crows & a good many Yellow rumps, fewer of the Cedar Waxwing after flocks of high-flying Blackbirds as at other seasons recently.

Sophronia, Jennie & Caldwell from Mrs. Ruby-Anna Knight & Chiffy in for all day at 8 A.M. & 5 P.M. respectively. Mina W. staying in factory & especially at 8 A.M.

Spent forenoon with Jim planting bulbs. Hermit & Ora mow mowing garden. Henry Hosmer arrived from W. at 12.30.

He walked about Farm in P.M.

Mrs. Hosmer called about 4 P.M.

Concord - Cambridge - Boston.

Ther FRI. OCT. 10, 1913 Wea
Dull.

Cloudy, foggy, sultry, dead calm. Saw for a dash of rain in early morn & short burst of sunshine in mid afternoon. To day has been exactly like yesterday & the day before.

Spent day in Cambridge & Boston. Gilbert motored me to Concord at 8 A.M. & Jim Melvin thence to City Hall where I paid ann. tax bill. Thence to Mus. Comp. Lab. where forenoon was spent compiling data for Mus. Rep. Gilbert Berry reading it from his desk book. Mary Reed came in. Talked with Hosmers & Burton, also Lester Ward in town with me.

I spent 2 hours on Offer settling questions, dictating letters etc. Sold 11 Shs. Am. Tel & Tel. Back to Concord by 4 P.M. train. Gilbert & Henry met me at Station.

Concord (Farm)

Ther SAT. OCT. 11, 1913 Wea Dull.

Still another gloomy, foggy, windless, muggy & altogether hopelessly dreary day.

Very few birds noted except Hermit-Thrushes, Juncos & Yellow-rumps. Heard a Cat-bird, a Towhee & a Song-sparrow, in front of house. Spent most of forenoon with the men. Then Carpenters worked around the bungalow. Dana & Edwards, George packed apples, Jones dug up rocks & roots along road to Brook Field. Left took some pines to the mill to be squared.

Henry went to Hendersons pasture to practice golf. In P.M. he & I walked to Baker Hour's & back. It soon raining so both then Mrs took through the rain

Concord

Ther SUN. OCT. 12, 1913 Wea Dull

Raining all last night & through most of forenoon, at times heavily. In late P.M. the sky cleared down in the west giving us a glimpse of the setting sun, the first we have had in many a week.

In the forenoon Henry & I walked to Bull's Hill via Birch Field & back via Holden's Hill & Mr. Hosmer's lane. We saw Juncos & Yellow-rumps in flocks, numbers & hawks of Hermit-Thrushes at the Farm where I heard the Song-sparrow also. It was raining briskly most of time & rather cooler.

In P.M. I went to Holden's Hill with Mr. Hosmer & his son to look over their Corn fodder & wished to cut on a contract to the Carlisle Agr. Hosmer said he were quite willing to have me do so

Concord

Ther MON. OCT. 13, 1913 Wea
7 a.m.

Clear & warm with light W. wind shifting to N.W. & rising at nightfall.

6 Towhees in front of house 1 flock of Pine Linnets (30+) in apple orchard at 8 a.m. & another (perhaps the same) in Birch Field at 1 P.M. Hylocichla Thrushes still in small groups but getting fewer in numbers. 6 or 8 Chickadees in orchard. 3 Golden-crowned & 1 Golden Kinglets. 2 Phoebes calling. All red maples & many other trees - including hickories - leafless.

Spent forenoon sawing & splitting apple. Henry sawing, too. Henry motored to Concord to play golf with Dexter. Jim P. M. Henry & Ed. motored to Hutchinson Pond fishing & woodchucking & Gallup's Henry & Mrs. Gallup called on Mrs. Porter & Mrs.

Concord

Ther TUES. OCT. 14, 1913 Wea
4 Deer (3 bucks) Stormy

Cloudy with high & constantly accelerating harsh N. wind which culminated in a veritable gale in P.M., accompanied for hours by alternating rain and snow. Of very long duration & intermingled with showers of leaves the snow flakes filled the air at times obscuring all but nearby objects.

We had intended to motor to Lancaster this morning but fortunately did not. Henry & I accompanied Mrs. Gallup to Bemis pasture where he practised golf shots & I tried a few. Keeping on to Ball's Hill we saw a Pileated Woodpecker in the trees opposite Gallup's Cabins & shortly a Gray Phoebe.

Not long after dinner we separated to indulge in a nap. As I was about to lie down for this purpose I happened to look out of the chamber window & saw four Deer walking across field quartering across the road. Three were bucks with good antlers, the fourth a small doe. I then called Henry & Gilbert together & we watched them for 10 minutes or more. Collecting under the forest of apple trees they made a pretty picture. The bucks seemed friendly but occasionally sparred with their horns jumping sharply sideways. The doe kept aloof & finished with all of them.

Lunch by Henry at 2 P.M. Gilbert came to help saw & split apple.

Concord (Farm)

Ther WED. OCT. 15, 1913 Wea
Stormy

Cloudy & warm in forenoon.
Afternoon chilly with almost
incessant fine rain. Light N. wind.
Not many birds. Robins &
Tohee Towhees in ones numbers of
about a dozen each on grass
Eastern Trees over lawn. A pair
of young Sphyrapicus digging wells
in the orchard on the trunk of
an apple tree [illegible] incited
with female ones. When not thus
engaged they were constantly
quarreling, & seemed, chasing one
another about, making clear light notes
with threatening gestures & uttering
the loud [illegible] cry. Spent
most of day in Forbes Rock woods
when Ralph, Jean & Lucy worked on
their Egypt. Henry [illegible] & golf [illegible]
the Parsons habitat

20

Concord (Farm & Ball's Hill)

Ther THURS. OCT. 16, 1913 Wea
Stormy

Densely cloudy with incessant &
often heavy rain. Light N. wind. Rather
warm. A very dismal day.
Along our lane among Tohee Towhees
& Juncos, a flock of at least 30
Chippies, a few Robins & Tellow Rumps.
In Birch Field a flock containing
upwards of 50 Juncos, perhaps a dozen
Tellow Rumps & 1 Tellow Palm Warbler.
In Burnett's pasture a flock of
25+ Robins & one of 15 Tellowlegs
busy feeding Crows on Joy's above
& Still from Hawks. Pheasants
unaccountably scarce. I think
not 10 of them have left this
neighborhood
Harry & I worked to & around Ball's
Hill in a.m., to Burnett's for in P.M.
Burbank began work to-day

Concord (Farm)

Ther FRI. OCT. 17, 1913 Wea
Winter Wren. Fair

Most of forenoon cloudy, afternoon sunny. Divine evening with cloudless sky & calm warm air

Spent most of day in Birch Field where Zeph, Tom & George worked on a new road leading past Spring.

Found there in bush near Spring a charming little Winter Wren, among ground juniper. Henry & I squatted down up within a few feet. In the bushes were many Juncos, a few Fox Sparrows, a flock of about 15 Pine Linnets, a Ruby crown Kinglet. Above us a few hermit Thrushes, many White-throats, a few Robins & Song Sparrows, 1 or 2 Chippies.

Henry motored to Concord in P.M. to play golf. In an open bushy hollow found a flock of about 25 Rusty Blackbirds. We saw a few Crow Blackbirds behind barn

Concord - Lancaster.

Ther SAT. OCT. 18, 1913 Wea
H. W. Henshaw departs. Fair

Partly cloudy, chiefly sunny. Very warm with little or no wind.

A large number of White-throats with a few Robins, Yellow-rumps, & Chickadees & a good many Juncos were flitting about in trees & shrubbery along our lane as I left. There were almost as many sparrows (but no Robins) in Birch Field. I went there just after breakfast to lay out work for the men. Starting at 9.40 Henry & I with Gilbert motored to Lancaster where we spent an hour in the cottage with C. & E. R.S. seeing the new little Chorus puppy, a perfect little dear. C. rode up the street a little way with us on our return trip. The car ran smoothly & really the weather was delightfully warm & mostly sunny, there were still a little brilliant autumn foliage left. We saw a hawk on bushes but a few Robins &c. Home by 1.35. Henry left me at 2.45 & Gilbert motored to Wellesley Hills.

Concord (Farm)
Big flock of migrant Bramble Finches.

Ther SUN. OCT. 19, 1913 Wea

Tree Crickets Chirping Still. Dull.

Cloudy foggy & Calm with a little fine rain at intervals. Very mild. Tree Crickets chirping decidedly at evening

Flocks of birds haunting our farm all day. Most of them White-throats with a sprinkling of Robins & Yellow-rumps, 2 Ruby crowned & 3 Golden-crest Kinglets, a few Chickadees & a ♂ Downy W. Young Song Sparrow heard singing. About 11 a.m. I heard the clamour of multitudinous Crow Blackbirds towards Lawrence & presently saw the flock hastily at least 600 strong, rise from his cornfield & fly S.W. Later towards dusk S.W.

Sparrow most of afternoon cawing Burbank about his duties. Not called. He soon very drunk & fast asleep in Pill. Gilbert thrashing rye to Carlisle whence I called to see Burroughs

Zophi's letter Thursday

Concord (Farm)

Ther MON. OCT. 20, 1913 Wea

Stormy

Heavy rainstorm, beginning early last night & continuing unabated through to day, with S.E. to S.W. of extreme violence. At times the rain fell in torrents and the wind blew a living gale. It was useless to attempt anything out of doors so I kept all three men at work clearing up cellar & talking about of our house in afternoon & of the old barn in afternoon. Burbank came down to dine with me at noon. We talked by the fire & afterwards Sparrow ate here or rather in the barn cellar with the men.

Burbank worked in & about the Burroughs cleaning up sheds etc. He is talking head extremely well.

Zeph saw a flock of Crow Blackbirds in driving over house at 6 a.m. when I heard them. He says there were 25

Concord (Farm)

Ther TUES. OCT. 21, 1913 Wea Fine

Clear & cool with raging W. wind before which drove cloud masses that occasionally obscured the sun.

A flock of migrant Crows at least 300 strong, circling low over woods in Zone at 8 a.m., making a prodigious clamor & once settling for a moment in Tall Trees.

Hens in Lower part of Berry Pasture first after Sunset I heard the whistling sound of wings & then saw a Carge Woodcock coming in from eastward among the maples. A few minutes later I found & flushed it near southern edge of cover whence it flew off over & right down W.

Spent most of day superintending sorting & packing of Apples. Also planted tulip bulbs.

Concord (Farm)

Ther WED. OCT. 22, 1913 Wea Perfect.

Brilliantly clear with little or no wind. White frost in early morn. Warm through mid-day hours.

A day of teeming bird life and unwonted bird activity. There were in the Farm many Robin-Wrens & Juncos & 5 or 6 Chippies in our woody garden, 11 Canada & a Tree Sparrow in Pasture with 2 Doronicums in our clump, a few Pine & Siskins in a bush, a Purple Finch in orchard, a Song Sparrow, a Field Pheasant chasing grasshoppers at 11.30 in front across road. At one I saw & I found Berry Pas. alive with Juncos & Robin-Wrens & Tree Sparrows & with these a Tree Sparrow. We saw 2 Pheasants fly up in G. a farm to N. and & heard a Red-tail scream on wheeling wings. After returning 6 hours on heard a Screech Owl & then 2 Night Herons barking loudly & near, on wings. Spent most of day with men who were sorting & packing Apples. Hosmer & 2 men put in window in back wing. Hosmer told me that Taft took down Hoar & my former friends for his home. Col

Concord - Boston

Ther THURS. OCT. 23, 1913 Wea
Evening talk with Zapp. Fine

Clear & mild with light E. wind.
Rosy sunset with gathering clouds
To Boston by 8.06 train &
thence to Probate Court, E. Cambs
where I met Abbott & Gallonpe to
attend a hearing relating to an
petition to be allowed extra money
for extension to Woburn library &
its running expenses - Judge
Lawton presided. I was sworn
& testified speaking for about 20 min
I liked & admired the Judge.
Lunched at North Station, walked
out & took 1.07 train back to Concord
Smith Dexter came down to supper.
after it he, Gilbert & I had a long
talk with Zapp. I accepted terms of
taking 400 fr. of my pine lumber for
his house, & selling hens & eggs etc.
accounted for & of stockading whole farm
lain by woodchucks remain would be very
nice this be finally adjusted & I finally
agreed to let him off this time

Concord (Farm)

Ther FRI. OCT. 24, 1913 Wea
Stormy

Cloudy with light easterly wind & intermittent showers of fine rain.
Comparatively few birds about the farm with the exception of about a dozen Robins, an equal number of Bluebirds & Juncos & upwards of twice as many Juncos. The flight of Warblers is practically over although a few Yellow-rumps still linger. I see or hear Pine Finches almost daily. When they have been feeding in grass beside the ground is thickly strewn with seed scales.
Reports of shot guns coming from far & near yesterday P.M. especially from direction of river meadows. George Holden tells me he killed 16 Snipe in our dory a little more than a week ago.
Spent to-day about Farm superintending work of mason. Zapp chastened but fiendish.
Raymond came at 2 P.M. to mason work - 3 2 3/8 Cord.

Concord (Farm)

Ther SAT. OCT. 25, 1913 Wea Stormy

Incessant heavy rain from daybreak to dark & also through the night of last night. Very stormy with light S. wind.

No birds observed except a few Robins & then in a drizzle of rain. Thrushes among which was at least one Tawny sparrow hunch singing tentatively in late P.M.

Joseph went to Concord on some business of his own in A.M.

The rest of us kept under cover. Jane & George working in the house cellar which they deepened by bringing up several cart loads of gravel & sand in pails.

Gardener planted various things.

I cleaned out & rearranged my tool closet in Shed. Gilbert was

To have assisted by Jane & George in wheeling gravel &c. in the morning.

Concord (Farm & Bald Hill)

Ther SUN. OCT. 26, 1913 Wea Stormy

Continued heavy rain falling almost ceaselessly from morning to evening & all last night. It has swelled our deepest wells, set the Berry Pastures brook to flowing & thereby filled our pond, flooded much of the river meadows & made the grass lands brilliantly green even on the driest slopes. Thus has one of the severest & longest droughts on record finally ended.

Stayed forenoon in & about house.

Afternoon or more [illegible] walk - Walked to Bald Hill via Brick Field & Pine Hill & back over Heywood Hill, via P. H., down a farm lane & homeward via Lincoln & [illegible] Heywood bridge, Lincoln Road & Bald Hill

Concord (Farm)

Will Stone died this morn at S. Yarmouth

Ther MON. OCT. 27, 1913 Wea

(3) Hudsonian Tits at Farm Perfect

Cloudless skies, light westerly
breeze & summerlike temperature
combined to make a heavenly day.
Spent day out of doors near
house supervising work of seven or
eight men. Carpenters at work in
house, Bricklayer & helper at fire-
place, Painter & Grainer
graining woodwork, Tafft working here -
At 9 A.M. heard faint Call Notes
Pairs Hudsonians near by house.
Heard it at intervals later. At 11.4
traced it to 3 of these Tits in low
bushes in Sprout land below barn &
near cow pasture. Got within 3 yds
of them as they flitted about only a
foot or two above ground. F. Cook Jr.
15 & 7 Crown Blackbirds on wing circling
over Sanctuary. Came at 11 A.M.
Many Phoebes still going & coming.
Woodchuck seen sitting erect on
Berry Pasture at 6.20 P.M.
At 6 P.M. Alice Hayes telephoned us that
Will Stone died this morning

Concord (Farm)

Ther TUES. OCT. 28, 1913 Wea

(3) Hudsonian Tits again Farm

Mostly cloudy with occasional intervals
of sunshine. Warm with light easterly
winds. Several Brisk showers in P.M.
First Horned Larks (heard).
(3) Hudsonian Tits heard repeatedly &
seen once together in top of one big elm.
They kept apart from other birds &
did not once join the Black-cap Tits
feeding about the place. Ruby-crowned
in small numbers & Juncos greatly
outnumbering them now feeding even
in the lawns as well as sunny places.
Spent most of day with Hobart
& his two carpenters who began
a new grape arbor in the flower
garden at 8.30 A.M. & finished it
by 4 P.M. It is made of red cedars
cut nearby in our Rum. We also
rebuilt an Lawton Shed, Retaining floor.

Concord (Farm)
Heavy mig Crows & Cross Blackbirds

Ther WED. OCT. 29, 1913 Wea
Fair Fine Sparrows & Starlings. Perfect

(3) Hudsonian Jets again

Cloudless, windless & very warm, from sunrise to sunset. A Summerish or Indian-Summerish day.

Lots of birds about the place & heavy flights of obviously migrating Crows & Cross Blackbirds passing over at Southwest or rather S.W.

The Crows to the number of at least 1/50 (roughly counted them) began to appear at 9 a.m. & in straggling order but all following same line of flight were passing for several minutes the whole body of birds extending more than a mile in length. They flew high & in perfect silence. An impression prevailed that one flock of Blackbirds passed at 8 a.m. the other at 4 P.M., both passing low over our orchard just to eastward of the barn (taking nearly same course) & each containing about 300 birds (estimated). Heard the Hudsonian Jets repeatedly at intervals & at 2 P.M. saw all three of them fly into our bay clear at 8 a.m. saw two Shrikes fly very Logellow very high, S.E. apparently when passing & heard one twitter the only time I've ever seen them Sparrows.

Concord - Cambridge - Boston.

Ther THURS. OCT. 30, 1913 Wea
Fair

Showery at sunrise. Most of day sunny with N.W. wind. Leaving the Farm at 7.45 Gilbert & I motored to Cambridge where I spent forenoon in Museum & Garden. Trefts arrived at 11 bringing fine lot of specimens for our museum also. C. & Barry Fuller came over to see them as did E. Rus. Cotton. I packed in specimens of Scarlet & Catawba grapes. Vines loaded with them, all dead ripe & uninjured by frost. Lots of birds in Garden - a Hermit, 2 or more Chickadees & Yellow rumps, 12 Pine Siskins, 3 Goldfinches, 4 juncos, about 8 white-throats & Crows, a few, a Hawk, a Downy & a Flicker. Lunched with C. Gilbert. motored him to Roxbury. I took train out at Square & then went to Boston. Spent hours at office. Francis & Atkins came for supper & spent evening with C. & E. R. S. at Mayflower (6 - 8.30 P.M.)

Boston - Ashmont - Concord.

Ther — FRI. OCT. 31, 1913 — Wea 7'ine

Clear & cold with fresh N.W. wind - 7'ingers cold at ear/s for first time this autumn,

Spent last night in Boston at Athletic Club. Rose at 7, had breakfast at 7.30, met C. at South Station at 9 & with her took 9.26 train for Ashmont where we called on Alice Stone at the Twitchells', staying an hour; returning we stopped at Harry's & Jordan, Marsh's. After lunch went to our office & then home at Bemis & Co's. Took 3.51 train back to Concord where Gilbert met & motored me to 7'arm. Sat out storm [illegible] before dressed.

Concord (7'arm)
Annual reunion with D.C. 7'rench & R.H. Dana

Ther 24° — SAT. NOV. 1, 1913 — Wea 7'ine

Clear & cold with strong W. wind. Ground frozen hard at sunrise.

Spent forenoon in Birch 7'ield where Burbank, Jeph, Geo & Bensen were cutting birches that overlapped dear young pines. A small flock of Pine Linnets, Snowflakes, & 3 Golden-crested Kinglets were flitting about near us & I heard Tree Sparrows & Junco-fretting 7'f 7'ringa (Melvin's chaufer) brought over old Cadillac to Riverbank place to remain.

Richard H. Dana & Mrs. Dana came from Cambridge at 3 P.M. She left after seeing house. D.C. 7'rench came by 4 P.M. train. I met him at Concord Station with Gen 7'ord. We three old schoolmates were reunited at 7'arm house once more at 5 P.M. We stood talking but went to bed early - 10.30 P.M.

Concord (Farm, Walli H., Green H.)

Ther SUN. NOV. 2, 1913 Wea
Fair

Strike chasing Warbler
Red-tail(?) Hawk..

Clear & coldish with light W. wind.
Dan, Dick & I sat by fire in
dining room for 2 hours or more
after breakfast. Leaving home at
10.30 we walked through Birch F.
& Pleasant Fields over Davis Hill to
Bald Hill & back via Holden Hill
Join Melvin came at 1.30 & took
Dan to Sleepy Hollow Cem; on him
back at 3.30, when Dan, Dick &
I started for Green Hill. Soon
after reaching there we saw a Shrike
in chase pursuit of a Warbler that
looked & chirped like a Pine Warbler
We thought it escaped among the pines -
Instant after several we saw a big
Bird that looked as black as a Crow
against the very western sky as it
flew from one dark pine to
another. Slowly
like a Red tail, which it was
We got back in the gloaming with a
crescent moon shining down through
the Elms. Sat up about 10.40 by
fireside from talking.

Concord. (Farm)

Ther MON. NOV. 3, 1913 Wea
Fair,

Partly sunny, largely cloudy.
Mild with light southerly winds.
Dan & Dick left me at 8.45
Getting watering them to Concord.
I spent most of day near the
southern end of our Berry Pasture
where Burbank, Joseph & George cut
down a lot of Bush Oaks &
"Scrub" and a new road way through
the Blueberry Bushes & alders
Chickadees & Pine Grosbeaks came
about us. I flushed a Partridge
within 30 yards of where Joseph had
been felling bushes for help on hour
In late P.M. I helped Joseph & George
cut down Two of our largest Elms
Shortly after 4 P.M. I walked through Birch
Field & Pleasant. At home I found
Chard & Dick Curtis

W.
Cut Elms
30

Concord (Farm)

Ther TUES. NOV. 4, 1913 Wea
Belated Ulmea Warbler. Fine
Hudsonian Tit again.

Early morning rainy. Sun out by 9 a.m. Remainder of day clear & cool with raging N. W. wind.

Spent most of day in barn yard where Burbank & Zeph were moving hay. Large - feeding bunches to new positions which took four days, first holes & I ground floor this etc.

Late in afternoon a little bird flitting about in a low apple tree attracted my notice. It proved to be a pair of Ulmea Warblers. I got within arm's length of it. Sunset Chickadees, a Tit & white Sparrow, 8 or 10 Juncos & 5 Golden-crowns in orchard, & round Lakeside, Heard Hudsonian Tit call once more as heard from Cook Pheasant flew low & struck fence thereby yard fr. Barnes fried

Concord (Farm)

Ther WED. NOV. 5, 1913 Wea
Fine

Clear & cold with brisk N. W. wind. Comfortably warm through middle of day especially in sheltered places. Ground hard frozen in early morning.

Spent entire day working with Burbank, Zeph, Tom & Benson along the new road through the cedars bordering on the farm. We cut a lot of trees, got out rocks, hauled dirt for grading etc. George left me yesterday morning to shoot rabbits & has not yet returned.

Six Golden-crowned Kinglets together & apart from other birds, in cedars & beeches, two small flocks of Pine Siskins in beeches, upwards of a dozen Juncos flushed from weeds, a Hawk, 2 Pheasants calling at evening, usual chorus of Blue Jays

Concord (Farm)

Shrike kills Small Bird

Ther THURS. NOV. 6, 1913 Wea

First Pair Grosbeak & Redpoll. Perfect

Hudsonian Tit

Ground frozen hard at sunrise.

Day cloudless, calm, deliciously soft at noon with flies buzzing about.

Evening Still & warm.

Spent entire day in Birch Field to-day Tapley & Benson were cutting wood & Burbank & Tom hauling it to Lincoln Station in road.

Jim Melvin joined me there at 2 P.M.

Rather many birds. Pair Grosbeak heard there & near farm house,

Pair Bluejays calling almost constantly & watching about. Heard the flight call of a Redpoll there among those just before noon I was returning & approaching face of cave when the peculiar shrieking cry of a Northern Shrike came repeatedly to my ears. It was followed quickly by a long succession of cries and flutterings of some small bird that the Shrike had evidently caught in one orchard. I saw neither bird. Many noisy Chickadees & Juncos there at time

and over 2 hundred Lapland

Concord (Farm)

Ther FRI. NOV. 7, 1913 Wea

Perfect

Typical Indian Summer weather, frosty in early morn, deliciously warm through most of day, cool again at eve, absolutely cloudless all day long with light Southerly wind.

Divided my attention between the two Carpenters making a way over space between barn house & shed & Burbank working on apples in old house. Tapley took 3 bbls to Concord & also made up a load to go to Cambridge to-morrow There will be upwards of 80 barrels left for Sale. The total crop must have exceeded 300 barrels.

Dexter Cowen down to see Hunt & spent evening. Counted only four birds about. 7 x 1 Horned Larks flying over & big flock (about 1:60) Juncos in orchard & about house.

Concord (Farm)

Ther . SAT. NOV, 8, 1913 Wea
Hudsonian Lit again Dull

Cloudy & foggy, with light easterly breeze & a brief shower of fine rain (about noon). Very mild. Big flock of Juncos with a few Tree Sparrows & at least one Fox Sparrow, in orchard & close about house. 3 Golden-Crests seen & Hudsonian Chickadee heard in Birch Trees. Brown Creeper near Pulpit Rock. Two Pheasants flushed from clearing this morning & one from just outside fence of our poultry yard yesterday. Chipmunks about locally active. Gray Squirrels scurrying all over the place & now beginning to dig up my carrot bottles again! A few Rabbits still left.

Spent entire day in Birch Trees burning brush with Burbank & Tom.

Concord (Farm)

Ther SUN. NOV. 9, 1913 Wea
Stormy

Heavy North easter with wind blowing a full gale & torrents of rain. About 6 P.M. the wind changed to South-east & blew harder than ever. At 7 it was almost dead calm with the moon shining in an absolutely cloudless sky — a truly remarkable ending for so prolonged & violent a storm.

Spent almost entire day in the house writing letters. Paid off Tom & Charley & let Charley go & he left us finally, walking to Concord on the 9.15 P.M. Train.

Called at the Hosmers' at 3 P.M. finding Mr. Mrs. & Miss A staying about an hour.

1 Tree Sparrow & a few Juncos about

Concord (Farm)

Ther MON. NOV. 10, 1913 Wea

Porcupine killed near home Kilm. Farm (See Nov. 12)

Clear & cool with strong chill wind shifting gradually from S.W. to W. as day wore on.

Very few birds in evidence. About a dozen Juncos accompanied by 5-7 Tree Sparrows drifting to and fro through orchard & around farm buildings a flock of 13 Goldfinches flying S. Last fall. Hermit Thrush, 5- Robins eating barberries in Corn & a single Crow winging his way southward as among noon all the birds I noticed.

In forenoon I had 3 men sawing & splitting big elm butt just W. of house. The smoothly sawed off stump shows about 100 rings of annual growth. In P.M. we cut a lot of birches in Berry Pasture. Harry Richardson told Gilbert that a Porcupine was killed near Bimis Kilm about a week ago & that Davis, our

marksman, got it & has skull.

Concord (Ball's Hill)

Ther TUES. NOV. 11, 1913 Wea

Clear & cold with fresh W. wind. Ground hard frozen at sunrise.

Spent day at Ball's Hill with Gilbert, Burbank & Zeph putting away books, taking off window screens & otherwise preparing for the winter. Put six bushels of fine apples in the old cistern.

Dexter came down for dinner. Mrs. Austin Potter's brother called to see about some things left at Potter place. Dexter & I went over to look at dead Deer, a 2 year old buck found near very boundary line last Sunday by Sanford Bowden. It shows no wound & is fat & sleek. Apparently died 2 weeks. Saw Green Blue Heron flying down river past Davis Hill (Farm), 12 Pine Grosbeaks on ground near cabin, 14 Partridges in Birch Field & 3 on Davis Hill. Walked down & back

Concord (Farm)

Ther WED. NOV. 12, 1913 Wea
Delta of Porcupine Fine.

Clear with light southerly winds
Early morning cold with ground
heard frozen. Middle of day
pleasantly warm. Sunset sunrise.
Not many birds. About a dozen
Juncos accompanied by a Tox Sp.
& one or two Tree Sparrows, feeding
fearlessly about farm buildings.
As they came flying into front
front of Bungalow ow ever a
Shrike accompanied them but did
not molest any of them.

I spent day with Bulkeley & Lyth
working at a chicken fence & various
other things. Vanderhoof came
down in P.M. To see about drains
Harry Richardson telephoned that
Pratt found the Porcupine on
Oct. 22 shot & hung up in birch
near Louise Lake. It was secured by
Rog. Hebden Hoover for Thoreau Museum
at Middlebury Vermont.

Concord - Cambridge.

Ther THURS. NOV. 13, 1913 Wea
Dull

Cloudy, Calm, Mild.

3 R Robins flying low westward at 8 a.m.
& about a good number flying low S. at noon.
3 more flock pioneers. Ground beetle heard.

I spent forenoon in & about house
... Bulkeley & Lyth finishing
... & moving & otherwise moving hoopoehouse
... the "L" Bulkeley & I motored to
Cambridge in early P.M. (from 7 from 9
Concord 1.23-1.31, from Concord to Cambridge
1.31-2.30), Mrs Livingston & Patty Conover
Evangeline Cox Eaton Burgess & Polly Conover
were there & Mrs Cox was ill & Mrs
Conover & Mrs Cox were both ill & Mrs
Conover & Mrs Cox were both ill & Mrs
Conover & Mrs Cox were both

Cambridge - Boston

Ther FRI. NOV. 14, 1913 Wea

Dull.

Mon, with fine drizzling rain
[illegible] woods & little or no wind.
Dr Herman Thresh, Field Sparrow &
2 Peabody Birds in Garden
Spent forenoon in house & Museum
making preparation for trip to
Portland to-morrow, Started for
Boston about noon. Spent 3 hours
in our office consulting with Arthur
Comeau, Ex Lieut. Governor & various
matters at Wellfleet, including letters
also Received at "Berwick D'Epres."
Visited Williamson's & Jameson Harness
& Saddlery Store, Home by N.Y. N.
H. & H. R. R. Read to Mrs in bed
after dinner. Cambridge leaves Dust
as green as in early summer.
Localities distinct & [illegible]
flowers blooming [illegible] in Gardens

Cambridge - Bethel.

Ther SAT. NOV. 15, 1913 Wea

Fine

Brilliantly clear with light W. wind.
Early morning frosty.
To Bethel by 8.55 train from Boston.
Left our house at 8.15, in a motor hack,
being delayed at last moment by various
things that had to be done. Jotted
motored me over to Portland. Rode
in Portland unnecessarily circuitous
& extensive beauty of scenery as seen in
the clear, still November sunshine with
its hills & skies & lakes & streams softly revealed
& much color still persisting in woods
& thickets. Saw an adult Red Shouldered
Hawk perched in Leafless tree by roadside,
a Northern Shrike hovering over open
meadow grass, a flock of 20 + Red Queens
rising from the shrubbery (Red Crossbills).
Reached Bethel at 4.00 & was given tea
in Brown cottage. Spent evening in [illegible]
[illegible] & Stories & Views &

Bethel.

Ther SUN. NOV. 16, 1913 Wea Perfect

Cloudless with exception of NE wind.
Ground heard frozen at sunrise, muddy
after noon. No ground, even on higher
mountain summits. Grass on college
lawns as green as in early autumn.
Smaller ponds skimmed over with thin
ice. No birds noted until mid forenoon
when many suddenly appeared. I then
heard Redpolls, a Pine Grosbeak, a
Hudsonian Titm & a Shrike & saw a Tree
Sparrow & a Junco. Jay heard later.
Crows apparently all gone. One Partridge.
In forenoon the Doctor examined me
very thoroughly finding nothing wrong. Some
tired out nerves. After that we walked
about[illegible] pleasure & down onto woods by Shack.
Dined at Bethel Inn with Dr. & Mrs. G. & with
Mrs. Upson, Mrs. Bingham & two sisters as hostess.
In P.M. went out around Chapin &
mid ponds, recently brought by [illegible]
[illegible]. Stood hours in Lounge.

42

Bethel.

Ther MON. NOV. 17, 1913 Wea Superb.

Brilliant sunshine, cloudless sky,
warm, frosty air almost dead calm
combined to make a rarely perfect
late autumnal day. A dozen or more
dandelions in full bloom close about house.
Redpolls heard calling at frequent intervals
but none sighted. Chickadees heard, also.
Walked to village after breakfast to
mail letter & make a few purchases at
Ceylon Rowe's where I got a heavy
reefing jacket, Moccasins etc. Reading
recent letters & in diary. Luncheon
at 12-15. Shortly after it the Doctor &
I went to Shook Woods where we found
a fine fall with skiffs & branches in
a recently cleared space. He gave me
a hypnotic treatment while I slept. Spent
evening in lounge talking with
family & guests

Bethel.

Ther 5°2° TUES. NOV. 18, 1913 Wea Fine

Clear, mild, windless.

Two Chickadees & a Tree Sparrow on birch thicket close to house at 8 A.M. Redpolls there in varying numbers most of forenoon, feeding in larches well supplied with cones & I suppose on the seeds of them. I counted 14, 15 & 16 birds at different times. Swee-e-e song heard once, fully given.

Spent most of forenoon in room working up Concord notes for past autumn.

In early afternoon Doctor went with me through red spruce trail to Rose Meadow.

Balsam woods very lovely in clear sunlight with not a breath of air stirring there nor in the open fields for that matter & moss carpet at its very best after recent heavy rains. Heard Golden-crowned Kinglets & Chickadees both only two of each, but no other birds. Saw 2 Red Squirrels, both silent. Struck track of very large hunter on trail. Heard inflation of Drumming Grouse over rocky region. Apple tree & birch & chestnut bear last month, made

Sphenopholis nitida, Panicled Dichanthelium linearifolium

Bethel

Ther WED. NOV. 19, 1913 Wea Dull.

Cloudy & humid with little wind. Heavy rain beginning soon after dark & continuing thro following night.

Spent forenoon in room working on Concord bird notes of past autumn.

Starting at 1.15 the Doctor & I took a long walk through the Glen woods, over the hills beyond & beyond them to Locust Grove with fine open views & beeches & some evergreen woods. Found by Kilkenny Ridge, &, to be of fluviomoraine origin. I was anxious to believe it after investigating them closely for two days of chopping near by the Glen. The gravels all abound with boulders & Spruces (red) hollows, yellow birches. Some of the boulders are large but most of them are small & all are subangular & rather coarse. They are crystalline showing some schistosity. It is an interesting place. The Locust Grove Road is as smooth & level as a floor. The Kingbird, Leonard Chickadee & Hairy Woodpecker. 2 Common Nuthatches, 3 Jays &

Bethel

Ther THURS. NOV. 20, 1913 Wea
62° max. Springlike weather Fine

Clear with high but strongly WSW wind - wind veered to NW by early morning & Seward Galbray & Springfield, at noon one could sit anywhere out of doors without feeling the least chill. The wind had fallen when I took my walk in the afternoon & with no Doctor he being too busy to go in this woods by the Skoal & Partridges & saw a Golden Hudsonian Jay & a Red Squirrel. I went thence up into the Scrub pasture & along the old Glenwood trail flooded in many places by the recent heavy rains. They kept just the mosses & lichens in prime condition & I revelled in the exquisite freshness & beauty of this widespread carpeting under the trees. For a time the woods seemed lifeless; then I heard a Hudsonian Jay & Redpolls calling sweetly (the Canary call) & a Red Squirrel scolding. The Jay came close about noon. On the heavy boughs I flushed a female Partridge. Called on the Hutchins. [illegible]

Bethel.

Ther FRI. NOV. 21, 1913 Wea
54° Evening Grosbeak. Fine
Cooler but

Brilliantly clear with light N. wind. No frost. A solitary Evening Grosbeak visited Shumway close to porch of the brown cottage (where I am rooming) about 9.30 a.m. Bingham got within 15 ft. of it & watched it for several minutes. I saw him enter house as I was approaching it & a moment later got a mean glimpse of the bird as it flew from the Shumway, disturbed by a Cabot and uttering a succession of very loud & penetrating yet rather musical whistles which reminded me of the squealing flight calls of young Golden Plover yet were not closely like them. As they quickly ceased I concluded the bird had flown away but some three minutes later, after I had reached my room they were renewed & came very distinctly to my ears through an open window also attracting Dr. Gehring's attention as he was treating a patient in "Grandpa's Room". Looking out he saw the Grosbeak in the oak in front. It flew off east and just as I got out the Doctor heard it afterwards. Feeling assured of what it was & hearing its calls again from direction of Pocumtuck Hill I hastened thither but failed to find it. From Bingham's (Hon. B. second) description I infer that it was a ♀ or juv. ♂. Getting back to my room at 10 I breakfasted on Cereal cakes with [illegible] Tea. At 1.30 started off for a walk with Doctor. We went up the back fields & thence by the old tote road to Hill Top above Glen Wood where we found the old Pocumtuck lookout [illegible] by Golden Rods. Started 2 Partridges & during [illegible] heard 4 Bald crows, 1 Crossbill, 1 Hudsonian

Bethel – Cambridge.

Ther SAT. NOV. 22, 1913 Wea Fair

Sunny but hazy. Dead calm. Mild.
Left Bethel by 9 a.m. train. Looked
out car windows most of way to
N. Haven on a landscape bearing many
appearances of mid autumn. Every where
green fields (vivid green in places) with
cattle, sheep & horses grazing. No train
[illegible] or cars any where. Roads dry
& smooth. Apple orchards & cherry trees
loaded with Scarlet fruit. No birds
save one Jay & 2 Meadow Larks (at
Fairfield). Shallow bay near Portland which
R.R. fr. Rockville (or Portland) Junction to Berlin was
fairly flooded to day as on 15th with
Black Ducks. Must have been 5 or 6 there.
Took 12.10 train for Boston. Heard
most of way. Country looked very
green & inviting. Farmers ploughing &
many people playing tennis. Gilbert
met me at North Station. Left home
about 4.35. C. & L. on hand to welcome
me. Mrs Mary Chapman called after
dinner. Mary Dean telephoned from
Wellesley is South Hall as the old home.

Cambridge.

Ther SUN. NOV. 23, 1913 Wea

Raised Old Glory over by H. M. Spelman's Fair
church tower in honor of Ideal Citizenship in London
Partly cloudy, mostly sunny but hazy.
Very warm with light S.W. breeze.
In the Garden found at 9 a.m. an
interesting lot of birds, feeding on birch seeds
in Birch Grove: seen first 2 Pine Grosbeaks,
next a Solitary Vireo, finally eight Redpolls 2
of which had faintly rosy breasts. All eight
showed very large & white-billed & 1 White-
all regular Hoaryas. I saw them well in clear
sunlight & watched them many minutes.
Soon after this a Brown Thrasher flew out of
rhododendrons at rear of museum to Jarvis
where I saw it repeatedly later in day. There
were 2 Golden-Crests & at least one Chickadee
about all day. Crows were cawing & Jays
screaming at intervals throughout the early
morning. For a long time I was puzzled as to
the authorship of a fine, rich Warbler-like
chirp almost precisely like that of our Yellow Warbler
although it frequently came from trees at hand
I could find no Warbler of any kind. At length
I traced it to a Robin. Watched Spencer & Dana
in their cellar at many times. He was in pleasure
& delight unbounded & adroit & was a very
tireless & complaisant bird.
North C. at St. Johns at 10.40. Fine sermon
by Dr. Hodges. Miss Allyn, Alice Stone &
Bob's three dined with us & spent most
of afternoon. Called on Ruthven Deane
at old house & P.O. Stayed until 10.30.
He gave me full account of recent
A.E.C. meeting. Betty Abbey & Anne
Griswold in Pittsburg accident, Betty hurt

Ther MON. NOV. 24, 1913 Wea

Barred Owl in Jungle. Dull.

Cloudy & chilly with light N. wind & a few drops of rain.

Crows cawing vociferously near house at sunrise. Perry sent in word at 7.30 that they were mobbing big Owl. Dressing hastily I rushed forth to find a Barred Owl in the top of Austrian pine in Jungle with 5 Crows perched near it. It was a gigantic specimen of its kind. All the Dawes including Beethoven came down to see it. As we stood in mound beneath it talking, it quietly looked down at us with wide open blue black eyes. It remained there most of forenoon at least. I went in morning trip to 1 P. Co. at 2.17 Robins + 2 Bluebirds for Concord in the Fords, reaching there at 3.16. Not a single bird of any kind seen the whole way.

Hawk Shrikes & Blue Jays very abundant this year.

Old Chickadee Flocks

After storming about on farm we walked to Bright Field before dark shooting one Partridge in Cover.

Ther TUES. NOV. 25, 1913 Wea

3 Deer killed in C. Last week. Fine

Clear & cold with brisk N. W. wind. Ground hard frozen in early morn & again at eve.

Entire day devoted to cutting limbs for winter covering & Christmas green. Leaving farm house at 7 A.M. with Pine Hook & Lefty I spent most of forenoon on Pine Hill. Saw there 3 Bluebirds & 2 Golden Crests & heard a Nuthatch (the first near at hand) & in Pine Grosbeak. In Birch Field, returning we walked in P. Rd., saw 4 Redpolls (& Every Goldfinch) & 4 Pine Siskins feeding together in birches, 3 Partridges, 2 Jays, 1 Tree Sparrow. Near house saw a Pine Grosbeak (& pl. female in elm) (6) Tree Sparrows, 2 Chickadees & a Junco & Downy, 2 Pheasants crowing & 1 crowing also) in Berry Pasture at sunset. Fields [illegible] & large buck & doe on Birch Field. Evening Song Sparrow or last 3 Deer killed in Concord last week.

Concord - Cambridge.

Ther WED. NOV. 26, 1913 Wea Fair

Forenoon cloudy; afternoon sunny. Warmer with light southerly winds.

Pair Brookside robins near house on early morning. One Junco, a Tree Sparrow 2 Chickadees & a Red Bird there today.

Spent most of forenoon in or near house putting away things for the winter with help of Burdette & Ralph. Brookside is growing very satisfactorily in every way & I like him exceedingly.

Leaving the house at 1.30 P.M. Gilbert motored me to Concord where I called on Dexter Rokes gave me two small hominal prints & showed me his aquarium, Church, Chapel etc.

We left Concord at 2 & reached home at 3.05. Course down by my old farm forward, Sisis of woods, Great Sandy Pond, Cambridge Reservoir & Pretty Corner. Saw only 2 birds, a Hawk & a Large Hawk. Mrs. Wilson called this AM to pay her respects. Mrs. Bennett home to-day & expects

Cambridge.

Ther THURS. NOV. 27, 1913 Wea Fair
Thanksgiving Day

Partly cloudy, largely sunny. Colder with light northerly winds.

3 Chickadees, a White-throated Sparrow, a Jay & a Flicker in the Garden.

To St. John's with C. at 10.45. Good sermon by Dr. Hodges.

Miss Dana walked up with us; also Mrs. Sanders, Lovering Fuller & Sally [Russell] Bates.

We dined at 1.30 with fourteen at table among them Mrs. V. Bennett, the Chaffeurs, Lovering Fuller & Mrs. Cobb, Miss Prentiss, Miss Tillotson, Miss Sweezy, Miss Mansfield, Miss Hobson, Miss Hastings & Miss Clapp from Bennetts. Most of them stayed until 4, talking in parlor. Bennetts took me on Museum motor at 6.30. C. read aloud to me after dinner. E. R. S. gone to Bennetts for the night

Cambridge

Ther FRI. NOV. 28, 1913 Wea Duel.

Cloudy & drear with bitterly chill air & occasional snow flakes.

A Jaybird & a Blue Jay are only birds noted in the Garden.

Soon after breakfast I went over Mr. Beach's house with Mrs. Mellen who has a grand big room in which Mrs. Beach hopes next summer. Mrs. Mc Mellen found us there. They want a Lawrence closet & electric lighting which I have promised to "consider" only.

Spent remainder of day in Museum writing letters etc.

C. W. Hobby called at 3.30 P.M. Staying about an hour. Enlisted married C. in Jackson Heights in Pt. Ch. in Jan Victoria. Has had a cold trade. C. went about two

Cambridge.

Ther SAT. NOV. 29, 1913 Wea Stormy

Densely cloudy with almost ceaseless but at no time very heavy rain. Altogether a chill & cheerless day.

One Blue Jay the only bird noticed in the Garden.

Spent entire day in Museum writing & filing letters. Gilbert went in Town to buy paint for frame & glass for the new rectangular aquarium tank which Harry Richardson had made for me last summer. We have already collected about the usual assortment of fish, newts, toadpole snails & water plants but have not as yet arranged them positively.

Alvin Stone arrived at noon to spend several days & E. K. S. got back from Bangor at 9 P.M.

Cambridge.

Ther SUN. NOV. 30, 1913 Wea Fair

Partly sunny, chiefly cloudy.
Calm; Cool.

A Chickadee, a Crow & S. House Sparrows seen in Garden.

Spent most of day in Museum. Wrote & filed letters in forenoon. C. went off for a walk with Alvin Stone. Francis Manning & Miss Allyn dined with us. Francis & I smoked & talked in Museum for an hour or so after dinner which C. sent out for us. She, meanwhile, had been going over old letters, in the house, with a friend of hers years ago Wellington Hayward whom she had not seen for forty years

Mrs. Abbey sent for me this morning to reveal Betty's engagement to Stanley Cobb a friend & College Chum of Raymond. Evidently she came on Call with Betty & an hour's talk followed.

Cambridge.

Ther MON. DEC. 1, 1913 Wea Dull

Densely cloudy with little or no wind. A dismal yet rainless day.

A single Chickadee at the suet & a few House Sparrows flitting about in the shrubbery in front of Museum were the only birds noted in Garden.

Spent day in Museum working on sentimental notes made on Command while I am expanding in the form of a complete Catalogue from condensed data on my diary & label books. C. worked in the Lamp Museum room selecting some of the Cambridge embroideries.

Natural Hist Club meeting this evening, largely attended. Allen (Glover N.) read a unusually good paper on Islands & their faunas.

Cambridge.

Ther TUES. DEC. 2, 1913 Wea
Dull.

Cloudy, chilly, calm. No frost.
Grass as green as ever.

S landing in the Garden at the
edge of the Jungle where it overhangs
on the Lilacs near where our old
barn once stood I had close about
me, about 9 a.m. an attractive
little gathering of birds consisting of
3 Chickadees, a ♂ Hairy & ♀ Downy
Woodpecker & a handsome ♂ Flicker. The
Hairy & the Downy were together over
in an apple tree, the former bird looking
three times the size of the latter although
before they could thus be compared no
such difference was noticeable. Shortly after
this the Hairy flew down into the Lilacs
& explored there & then for a minute or
two paused near where I was sitting. While this was
happening a dozen or more Gulls flew over
Eastern Boulevard were heard screaming

Spent day in Museum working up
the Concord notes. Mr. R.E. Grant flew
[illegible] this morning

Cambridge.

Ther WED. DEC. 3, 1913 Wea
Motor trip to Waltham & Belmont 7 a.m.

Clear & cool with high N.W. wind.
A solitary Chickadee & a few
~~Horned~~ Sparrows in the Garden.

Spent forenoon in Museum
working on a letter to 'The Ibis'
in reply to Ogilvie-Grant's note
in April (1913) number. It gave
me much trouble & is not yet finished.

At 2.15 P.M. C., Mrs. Stone & I
started for a motor ride with
Gilbert. We went up through
Waverley thence to Lyman place &
across to Trapelo Road, back via
Watertown & Fresh Pond. The
country was everywhere attractive
with cattle grazing in grass lands as
vividly green as in September & not
the shadow of frost frozen on us. We
saw absolutely no birds except
Horned Sparrows & an Herring Gulls on
Fresh Pond — Foreign Gulls, probably capped

Cambridge.

Ther THURS. DEC. 4, 1913 Wea Dull.

Cloudy, calm, mild.

2 Flickers flying out of Garden westward at 8 a.m. 2 Chickadees visiting Seed in Catalapa at intervals through day.

Spent entire day in Museum working chiefly on Concord notes.

Typing all forenoon in big room.

Sir Edward my letter to "The Ibis" which was mailed this evening. Gilbert took C. & Alice Stone out for a motor ride soon after luncheon. They saw a lot of Ducks in Frog Pond.

We had "Cricket on the Hearth" read aloud to us in the hall this eve. by E.R.S. I was greatly pleased to have left for me, at our house, this night The Lives & Writings of Dr. Rufus Wyman & Dr. Morrill Wyman, written recently by Morrill Wyman Jr. & my uncle Simeon

Cambridge.

Ther FRI. DEC. 5, 1913 Wea Fine

Clear, calm, mild. Grass on our lawns now as vividly & universally green as it ever is in May or June & it seems to be growing fast. I am actually wondering it may not have to be cut with the lawn mower soon.

5 Chickadees spent most of day in Garden visiting Seed in Coped Enclosure over & over again. White-throated Sparrow with Brown Thrush took again & with him a Junco. Saw also a Flicker & a Jay in Garden & can Gull flying over.

Spent forenoon in Museum trying to finish Concord notes. Interrupted by Zeph who brought down load of pieces with Percy & Gilbert absent. So I had to entertain him until luncheon time, a Mr & Mrs. Brown came by appointment at 2 & stayed an hour. She wrote under name of Ruth Cameron & her poems to make me cry. I consented to read them. Mr. Brown read reading in hall this evening.

Cambridge.

Ther SAT. DEC. 6, 1913 Wea
Water frozen in Fresh Pond. Fine

Clear & cool with light N.W. wind. Ice frozen.
In the Garden saw 5 Chickadees, the White-breasted
a Jay, several House Sparrows; heard a Creeper
& a White-bellied Nuthatch.
In Fresh Pond saw near middle about
100 Scaups, 35 Goosanders, 200+ Gulls;
in Cambridge Nook 30 Black Ducks & 3
old Johnnies, in Boat House Nook 35
Black Ducks & 1 Red-head(?)
Gilbert motored Mrs. Storer & me around
Fresh Pond at 9 A.M. Lots of wild fowl.
About 30 Black Ducks in Cambridge Nook
allowed us to pass within 30 yds. & several
on nearby shoals within 12 ft. They were
mostly in pairs. Gilbert took me thru
again in late P.M. The same birds in
both nooks & a glimpse of Bob near middle.
Spent most of day in Museum working
on Concord notes & finishing with them.
C. & I went to Dramatic Club this eve.
Good play, a farce. Sat with Miss Allyn
Saw lots of neighbors. Alice Storer left us in P.M.

Cambridge.

Ther SUN. DEC. 7, 1913 Wea
Stormy

Raining incessantly, & at times very
heavily, all day & into the night. Chill
north-east wind.
Several Chickadees at feast.
Met C. at St. John's at 10.40. Dr. Hodges
gave us an uncommonly fine sermon,
perhaps the best I have ever listened to.
He is a past master of simple, earnest,
terse & vigorous expression, wholly free
from mannerism & any kind of choosing
ever the most telling words to express
his thoughts with never one too many of them.
We had at dinner Miss Allyn, the
Cobb-Fuller sisters & the Melvins.
After the last of them had departed
C's old friend Williams Hayward came
(at 4.20) to talk over & spend the
evening. "Sam", the Chow puppy, (now
4 mos. old), grows more & more winning.

Cambridge

Wind on Chimney tops Reversed.

Ther MON. DEC. 8, 1913 Wea

Slight snowfall. Stormy

Cloudy with raw & violent northerly wind and snow falling most of P.M. at times heavily but mostly melting as it struck because, no doubt, of the still undissipated warmth of the earth for grassy places & evergreen foliage became thickly encrusted with it & remain so giving the landscape generally a wintry aspect. A Chickadee on twig of the bush near the study birds seen by me to-day.

Not long after breakfast I resumed work on the Birds of Hamboyg where it was discontinued last March, beginning with the Marsh Hawk & sticking to the task all day working almost 8 hrs. Miss Babb lunched with E.R.S. & me, C being in town. We all sate reading in hall this eve.

Cambridge.

Ther TUES. DEC. 9, 1913 Wea

20°. 32° Wintry conditions. Fine

Clear & cold with fresh northerly wind, both temperature & wind moderating as the day wore on.

Crows calling at sunrise on Sunday. White-throat S. chirping in Garden all day. Chickadee breaking beech.

Spent day in Museum working on Marsh Hawk Story. Had to rewrite pretty much all composed yesterday to which less than two hrs. of fresh matter were added. Hence the task does not progress very rapidly as yet — nor ever will, I fancy.

Gilbert still wrestling with new aquarium tank — not as yet made tight. He motored C. to Arlington Heights in P.M. She read Trollope to E.R.S. & me this evening.

Cambridge – Boston

Ther WED. DEC. 10, 1913 Wea

Resign Presidency And. Soc. Dull.

Cloudy & roaring with light S. wind. Snow practically all gone. Streets dusty. 5 Chickadees at Sweet. Downy heard in Garden.

Spent forenoon in Museum working on March Hawk Story. Revised ffp. written yesterday & added two fresh ones – copied about 5 verbatim from journal. Also read proof of Museum report & mailed it to Hoffmans.

Gilbert motored me to Harvard Square at 2 P.M. Had hair cut & then went in town. Visited three photograph places & reached Boyd: Soc. at 3.50.

Presided over meeting of Mass. Aud. Soc. in basement 4.15 – 6. At its close resigned from both Presidency & Board of Directors, giving as reason my wish to devote myself to Audubon work & to eliminate all duties foreign to it.

Cambridge.

Ther THURS. DEC. 11, 1913 Wea

Fine.

Clear & colder with fresh N. W. wind. Sidewalks, streets & lawns thinly encrusted with icy snow that fell last night.

5 Chickadees at Sweet. Jay screaming in Garden. Crows cawing at Sunrise.

Spent day in Museum working from (10 A.M. to 6 P.M.) on March Hawk Story adding three more ffp. and practically finishing it. C. worked all the forenoon typewriting it. She seems to think it equal in quality to the average product of last winter. I have written part of it twice having to copy my first draft, but not without revising this.

William Haywood dined with us at 6.30 & worked with C. til ten copying Concord & K.-S. record & in new typed diary

Cambridge.

Ther FRI. DEC. 12, 1913 Wea Fine

Clear & warmer with light W. wind. Grass again fully exposed & ~~[illegible]~~ as green as ever.

A few House Sparrows the only birds seen about our place to-day even tho from Chickadee, so constantly present of late, fasting to offices.

My day spent in Museum as usual. The forenoon had to be devoted to a final revision of Marsh Hawk story. Immediately after dinner I began story of Sharp-shin Hawk completing him bef. 6 P.M. when I ceased work. C. kept to her room & couch all day. E.R.S. read to me in hall this evening from Trollope's "He knew He was right".

Cambridge - Concord

Ther SAT. DEC. 13, 1913 Wea Perfect.

Cloudless skies, brilliant sunshine, mild temperature & general absence of wind combined to make a rarely perfect day. Tyson called at 9.15 a.m. to look over my N.E. specimens of Parus "hudsonicus" all of which prove to be typical Littoralis. At 11.53 Gilbert & I started for Concord in the Fresh car reaching there village just an hour later. We went by favorite road - through Petty Corner & Belmont. The only birds seen were a gray horse in Hobbs Brook Reservoir a Brown Nuthatch Sheltie in Lincoln about usually robins. I saw one Nov. 25th & a Crow near Sandy Pond. Reached our home at 1.15 & spent many fine hours there, eating lunch in front of house. At present about Sapsucker like them with flies burning about. A Chickadee came to the suet, a Crow alighted in an elm, a big flock of Redpolls (fully 60) were flying & calling among trees bordering across the road. Edward Tree Sparrow & heard a Cowper, in the Run. & saw tracks of a Deer & a Pheasant. (A quail seen on P. Wolcott's Hill on our way from Concord) Burbank & Tufts had just got in from coasting trip to Boston, 5th last winter from Concord. Gilbert & I started back at 3.10. Returned via Carlisle, Bridge, Bedford, Lexington, E. Lex. Belmont Spring & Marsh Stand. Only 2 Crows seen.

Cambridge.

Ther SUN. DEC. 14, 1913 Wea

Brown Thrasher in Garden Perfect

A duplicate of yesterday with equally bright warm sunshine and calm air.

Going out to Museum just after breakfast I saw a Brown Thrasher, no doubt the bird here on Nov. 24, hopping & flitting about under a Syringa bush close to kitchen door. It was perhaps feeding on canary seed which Percy throws out there for the birds. Later saw 5 Chickadees come to suet & heard the White-breast Sparrow that chaps like a Yellow Yellow.

To St John's as usual. Fine sermon by Dr. Hodges. C. & I walked home together. She then called on Mrs. Wyman, I on Walter Deane.

Besides Miss Allyn we had at dinner (1.30) Dick Dana with Edith, his wife, & Lily, his sister. They all departed about 3. After that I worked on Sharp. Also Harold Story in Museum until 6.30 working second p. of M.S. E.R.S. and Frothingham to see this evening C. had. dinner & all her family.

Cambridge.

Ther MON. DEC. 15, 1913 Wea Fine

Clear with light N. W. wind. Frosty again, the ground hard frozen. Several Chickadees & the suet. A few Horde Sparrows. Nothing else in Garden

Spent day in Museum. Worked on Sharp. Also Harold Story working pp. already written and adding two fresh ones which seem to have finished the Salton Brig account. C. motored into town with Gilbert in P. M. after working all A.M. in Museum typing from my M.S.

Nuttall Club meeting this evening, well attended. Heard old members such as Jeffries, Murdock, Sawin, Shelley Denton & Walton's invitation. I read extracts from my Concord notes which seemed to excite general interest & the usual appreci-

Cambridge.

Ther TUES. DEC. 16, 1913 Wea Dull.

Sky veiled in thin clouds through which the Sun showed every now & then but too dimly to be very obvious. Calm & rather mild but chilly.

A Nuthatch (White-breasted), a Jay & several Chickadees in the Garden; also the White-throated Sparrow with Warbler-like chirp. For several minutes the Jay kept making a succession of more or liquid, musical sounds alternating with harsher ones to form a varied medley suggestive of the song of the Northern Shrike.

Spent day in Museum. In forenoon revised typed-rewritten Story of Sharp Shin Hawk. In afternoon began Cooper's Hawk Story, Comparing 2 life. A Mexican Cooper's Hawk was in the Cell [illegible] - the Scarlet Tanager

Cambridge.

Ther WED. DEC. 17, 1913 Wea Fine

Clear, calm, mild.

Several Chickadees at least in Cabotia tree. They have not come as yet to a smaller piece in a pine by my Study window. A Jay screaming, a Downy chirking & a White-bellied Nuthatch honking, in the Jungle. Failed to hear the White-throated Sparrow until just after Sunset when it chirped for several minutes among the Rhododendrons behind Museum.

Spent day in Museum working on Cooper's Hawk Story & finishing it. Revised down of it in forenoon & rewrote 3 pages the one afternoon.

"We Deniers" mail here this evening. Everyone came except Bowdi. E. Brad Jr. dark a good dinner & very friendly with discussion

the Cabot's have taken down their Lights today.

Saturday 20

Ther ~~THURS.~~ DEC. ~~18~~, 1913 Wea

[Through inadvertence I wrote my records for Dec. 18 under Dec. 20. Hence this page must be used for the Dec. 20 entries.]

Clear, calm, frosty, A fine day not over cold.

Brown Thrasher in Lilacs, scratching among fallen leaves. Several House Sparrows. No other birds noted in the Garden.

Spent day in Museum working on Goshawk Story. Wrote 3 fresh pages based, however, on matter in journals, partly used verbatim but for the most part recast. Gilbert went to Concord by train for supplies from the Farm. C. & E.R.S. in town. We all sat in hall after supper, reading aloud "Sam", the Clown puppy, full of mischief.

Cambridge.

Ther FRI. DEC. 19, 1913 Wea

Fine

Clear & crisply cold with light northerly winds

Just before 1 P.M. I saw in the Garden, at the edge of the Jungle, a Brown Thrasher, a ♂ Hairy Woodpecker and 3 Blue Jays. There were also several Chickadees coming to the suet.

Spent most of forenoon & part of afternoon working on Goshawk Story. After recording most of what was written yesterday I composed a fresh page or two. Dr. Phillips came at 2 P.M. to look up references in Forest & Stream. I had to leave him busily at work later return Gilbert motored me out to Belmont, where I bought some plants, & thence to Harvard Square. Spent a bothering morning C. & E.R.S. having gone to their Bank

Cambridge
Thursday 18

Ther ~~SAT.~~ DEC. ~~20~~ 1913 Wea
[See page intended for Dec. 18 — on which entries for Dec. 20 have been made]
fair

Partly cloudy, mostly sunny. Colder with light northerly wind.

The Garden apparently birdless save for the appearance of a solitary Crow on wing.

At my usual task all day in Museum. Received Coopers Hawk skin & with which C. Tyler copied and began on Bobolink plate, working 2 hrs. Phelan called in mid afternoon He says Jotham Nesbitt is very ill Harry Spelman came at 9.45 P.M. and spent about an hour chatting in my class. Before that E. & L. R. S. were with me in the hall reading aloud.

Cambridge.

Ther SUN. DEC. 21, 1913 Wea
Fine

Indian Summerlike weather, Clear, warm & windless. Dandelions in bloom by dozens & people without overcoats sitting on benches & running motor cars.
In Garden noted 200. Chickadees, 6 Juncos, Brown Thrasher & Peabody bird, 3 Crows, a Jay, Flicker & Hairy Woodpecker. Also heard Sparks St. hermit & White bellied Nuthatch & a Brown Creeper. At Frisk Pond saw 72 Black Ducks, 3 Whistler drakes 2 ad. ♂♂ & two Redheads & about 25 Gulls, in Cambridge Nook. Near middle of pond were about 25 Goosanders (Most of them red breasts) & 2 Blacks.
C. went in town to Church so I called for Walter Deane & started with him for Frisk Pond at 11. As we were waiting for a car on Huron Ave. Mary Deane joined us by chance. We reached the pond soon after this. After watching the birds in Cambridge Nook awhile we went to the outlook at Hawkade Point & sat there about an hour without feeling the least chill The pond thermometer, read at Sunsets 32 glass. Got home at 1, walking back. Miss [illegible] Allyn at dinner. I took an Eastmanill along &

Cambridge - Boston

Ther MON. DEC. 22, 1913 Wea Fair.

Cloudy with occasional brief glimpses of Sun. Calm & Mild.

Soon after breakfast saw a Brown Creeper mingled on catalpa in front of Museum window it clambered to [illegible] from base thence, [illegible] and [illegible] of [illegible] sent flutters from [illegible] No other birds [illegible]

To Boston at 11 A. M. Went directly to office & remained there most of time up to 4 P. M. Evening at Ward O'Hagan's Visited Dealer's & Restaurant 7 Obs. Edison. Had long talk with Osborne. Signed contract of yesterday about future engagements Shopping for Christmas presents 4-6, visiting "Arts & Crafts" Shop among others. Called on J. H. Wilson in his office. Wilson & Osborne [illegible]

Cambridge - Boston

Ther TUES. DEC. 23, 1913 Wea Dull.

Dense cloudy; mild but chilly with light E. wind. Heavy rain after dark.

In Garden (about 9 a.m.) 6 Chickadees, the Brown Thrasher (in grape arbor) & Hermit Thrush apparent, 2 Jays (screaming), several House Sparrows.

Spent forenoon in Museum working on Christmas Gifts & preparations. Wrote my autograph on almost 4 reels of 100 ft each of my prepared & send them to Edison Shops. Sent autographs copy to Cambridge Reg. & Pearson. Went in town after dinner, 2 - 4.30 Bought copy of Fuertes "Mammals & Mammals" visited Savoy Hotel, Dana Hotel & Thorndike Co., E. R. R. & J. Opened our Christmas presents this evening. Read books mostly & took many of them

Cambridge – New York.

Ther WED. DEC. 24, 1913 Wea

[illegible] Cloudy, afternoon [illegible]
[illegible] rain beginning about
[illegible] C. & E. R. S. I took 10.03
[illegible] for New York, the
[illegible] Central station which is
not distant [illegible] 10.15 & was met at
destination about 4.27. All the
way we saw through a country differing
from former drives & rides. In many
places cattle were out in fields
hardly green. Altogether the conditions
resembled those of early Autumn. I
read a good deal of the time.
Margaret Chapman & Sadie in evidence.

Went in Morning Hill & others
& were given our usual rooms.
Henry Nathaniel joined us during
afternoon, H & I had a long talk in
smoking room after dinner.

New York City.

Ther THURS. DEC. 25, 1913 Wea
Dull.

Cloudy with strong, chill N. E.
wind which brought heavy rain
after dark.

We all sat down to breakfast
together at 8.30, C. returning about
usual time from early church.
After prolonged chat in drawing room
Henry & I set forth for a walk.
At a little shop on 3rd Ave. bought [illegible]
[illegible] & [illegible], at Grand Cen.
Stn. more [illegible] & apples. Back
to lunch by noon. After luncheon we all
walked the Boulevard – very attractively
decorated with Xmas Carolina "Smilax."
Lobby & Brewery Yiddish journal us at 4
P.M. to stay until 9.30. We sat in
parlor * 42K until 6.00, dined 6.30-
7.30, sat in Assembly Hall then rec.
[illegible] & [illegible] a "medium"
[illegible] & [illegible]

New York.

Ther FRI. DEC. 26, 1913 Wea
Met Lord William Percy: Stormy.

Dark cloudy with chill N.E. wind and driving rain changing to snow in afternoon & then ceasing altogether.

We all breakfasted together (8.30-9). After that Henry & I sat in Smoking room for an hour & then Skoreshafter Amn. Mus. Reaching there about 10.30 we called first on J. A. Allen who seems to be feeling just a little S thought. Tom Barton with him revelling over S. A. Specimens.

Chapman came in presently & A. W. Mumford, a pleasing youth. Then called on Elliots who kept out & saw Dwight Wheaton I saw for a few minutes only. Allen took us to lunch in Boulevard with Chapman & Barbour. Saw Jack Riddle there. After that Chapman showed us his bird groups. Returning to the Store saw more in Boulevard to Lord Wm. Percy; grandson Duke of Argyle 32 years old, lately married in Quebec & showing a lot about them. I liked him very much. Wrote Sidie & Ina saying back to W. I sent home Egg - Book. To hotel by 4. Chapman called again. Dining & [illegible]

New York - Cambridge.

Ther 27° SAT. DEC. 27, 1913 Wea 7 ins

Clear & cold with fresh N.W. wind.

C., E.R.S. and I returned to Cambridge to-day via "Shore Line", leaving New York at 10.03 & arriving at Back Bay Station at 3.40. We were delayed an hour at Bridgeport by a breakdown in our engine - which had to be replaced by another. After that more than one was lost on the way & the whole journey occupied 7½ hours. We had slept & talked with each other and with Miss Ireland whom we found in our parlor car. I looked much out of window at landscape somewhat more lovely than last Wednesday for many bluebird perches were frozen over & north of Providence there was much shining ground in places. Saw a few Starlings and one large Buteo perched erect & statuesque on a bare stub in a marsh. Got home at 6.10. Chas. R. Sound called this evening & stayed an hour. Had a [illegible]

Cambridge.

Ther SUN. DEC. 28, 1913 Wea Dusk

Early morn sunny but most of day cloudy. Mild but chilly with little or no wind. Most of the light dusting of snow on grass land gone before night.

In Garden heard a screaming Blue Jay and noted no other birds save now & then Sparrows.

Spent day in Widener working, letters mostly in acknowledgment of Christmas gifts. Among them notes from Dan Fiennes who has sent a beautiful book on Indians, another to Hoar. Bo from whom have now Swinburne Garnett book, a third in two Thayer which gift was a book on Northern Lights. E. on hand church all day, reading. Miss Allyn dined with E. K. S. & Mac. Made short call on Alice Lee Mon. Sunny mo. & Nora, Fanny & Hatch.

Cambridge - Boston.

Ther MON. DEC. 29, 1913 Wea 7 a.m.

Sunny but hazy & somewhat cloudy. Dead calm all day & rather cold. River frozen over at foot of Sparks St. but only partly so in Back Bay Basin.

Blue Jays & a Chickadee in Garden. S p.m. to forenoon in Museum working on [illegible]. Laid Harold story just begun, & [illegible] something over a page of M.S. C. light. wrote the Goshawk story.

To Boston at 2.30 to confer with Shirley Bullfinch & Mr. Abbott our lawyer about Wm Bassett's recent letter. Bullfinch promptly characterized it as blackmail & said he should so treat it. Upon going over [illegible] it seems clear Wm Bassett, 2d, on Nov. 5th [illegible] a [illegible] letter, [illegible]

Cambridge.

Ther TUES. DEC. 30, 1913 Wea
Fair

Clear, calm, frosty, the ground surface frozen.

The Thrasher, 2 Blue Jays & a Chickadee in the Garden. Squirrels in partial hibernation now. For a week or more I have seen little or nothing of them.

Spent forenoon in Museum working over a refractory paragraph in Gothenburg Story which I had thought finished. At 1.30 Gilbert motored me first to Harvard Sq., where Alma ministered my application for renewal of motor license & thence to Mrs. Crosby Lodge, where I had a good talk with Hawthorne & saw Thoreau many interesting books & MSS. Graham Wallas. Walked home 4-5.30

Hawthorne showed me a letter from Woodberry

Cambridge

Ther WED. DEC. 31, 1913 Wea
A flock of Woodpeckers. Fair

Thinly clouded sky; frosty air almost or quite calm through entire day.

Crows cawing at sunrise. About 10 a.m. I was called from my desk by Percy to see "a lot of strange birds in the elm at the head of our driveway. Some had left it before I got there but all remained either in it or in the neighboring bushes & apple trees for several minutes. Rarely if ever have I witnessed a stranger gathering at such a time & place for it included 3 Jays, 2 Flickers, 2 if not 4 Hairy Woodpeckers & a ♂ Downy. At first I saw only a pair of Hairys the ♀ a trifle smaller & with less white on the outer tail feathers. But finally there were three of them on the same trunk together & every one a female as far as I could see all 3 were alike. Hairys I believe than ever 4 in all Hairy were perfectly tame & I got very near them. The 3 were in catalpa by museum, later Spent day in Museum working on Red Cloud & Chapters in forerunner, working on Red Cloud Haunted Story in ♀ room & evening 2 Hr. C. had just gone in town by motor with Irving F. Viles, Miss Bishop & Miss Brown to see Irving off to Panama, Miss Bishop & Miss Brown to see the sights there & the new year in at St. Francis

Non taxable Investments.

Total no. of shares held

MEMORANDA

117. Amer. Tel. & Tel. 50 shs. (#63032),
30 shs. (# 109116), 24 sh. (#102078),
11 " (#M 42720), 1 (#89414),
1 " (#112639)

60 shs. New Eng. Tel & Tel.
25 shs. (#19660), 10 shs. (#19688),
3 " (#20581), 3 " (#24462),
3 " (29452), 5 " (#42459)
3 " (#35603), 2 " (#22247),
2 " (#25829), 2 " (#31169),
2 " (#37609),

51 " Mass Gas Pfd. B. 4183

4 " Pittsfield Gas
1 certificate no 122
1 " " 715
2 " " 711

MEMORANDA

269 shs. Boston Wharf Company
21 shs no 2882, 25 no 688, 12 no 803,
50 no 836, 5 no 846, 8 no 848,
66 " 1209, 50 " 2032, 22 " 2385,
3 " 2744, 7 " 2745

53 Edison Electric Ill. Co.
4 shs no 13082, 3 no 10721,
25 " " 8331, 5 no 8353, 3 no 19600,
7 " 30470, 6 " 22495,

13 Fitchburg Electric
10 shs. no 2425, 2 no 3293, 1 - 2655.

50 Board Trade Building J. no 597
15 Bromfield " " " 31
20 shs. Fiske Rubber Co.
60 Manhattan Brewery & Prov. Co. no 241
(Par Value @ 10)

Non-taxable investments

MEMORANDA

5 5 Bos. & Prov. R.R. 35 shs. # 19092
" " 20 " " 19853
10 " " Lowell " " 0 3868
5 " " Albany. No 48673
100 Fitchburg R.R. Pfd. {50 shs # 3549
50 " " 40504
15 Old Colony " " {13 " " 24708
2 " " 15489
37 West End " " Pref. {20 " " 6582
17 " " 6668

5 bonds Cambridge Boat Club
Nos. 16, 17, 18, 19, 20

3 shs. Merrimack Nat Bank # 656

Conway. Title Ins. Co Mortgages
No 2541 (Goldstein) = # 500; # 1153
(Kotow) = # 500. No 958 (Rubin) =
1000; # 834 (Alexander) = 100; # 907
(Vitah) = # 1000.

Mc Gratth Mc. Gratth
Christian Bureau

Taxable Investments.

MEMORANDA

Cost
5 10 shs. Copper Range Min. 3504
5 10 " Wolverine " 7. 6326
4 10 " North Butte " 2655 6
3 10 " " " " 28135
3 10 " Utah Cons. " A 30173
27 10 " Anaconda " A 60531
5 " New Idria " 950
5 0 " First Nat. Cop. " D. 12221
5 0

10 " Boston, Nahant & Pines Steamboat Co. (Bought Jan 3 1914) 5

2 City Bynn 1000 Bonds Mch 1914

"Dead Cats"

117 Cambridge Field Co. Certif no. 64
50 ~~West End Land Co. " " A 18704~~
2400 Gold Bar Mining {2000 = # 36
400 = # 125
Taylor Park " " Certif
Willow Creek

Birds noted in our Garden.

CASH ACCOUNT. JANUARY.

		Received.	Paid.
✓	1. Chickadee 1' 2' 3 hd	4(2) 5'	8 hd 10 hd
✓	2. Hudsonian Chickadee	12' 19' at Sunset	20 hd
✓	3. Junco 1' 2(3)		
✓	4. Tree Sparrow. 1(3) 2' 4		
	5. Flicker 1 hd 3 hd. 17 hd. 24 hd.		30 hd.
	6. Jay 2 hd. 9 hd. 9 hd. 10(2) 11 hd		12 hd
	7. Towhee W. 2 ♂ 4 hd	5(3) ♂♀	8 hd 10'
✓	8 White th. Sparrows 3' last	7' 9' 10'	
	9. House Sparrow 1, 2, 3, 4, 5+, 9		3 10 25+
✓	10 Red bellied Nuthatch 12	in Lilacs with 2 P. at 1	P. found.
✓	11 Crow. 12✓ 21✓ 24	last in morning	27' 31(3)
✓	12 Herring Gull 12(2) 21(3) 22(3)		

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid
11 last Sunset 12(2) 14 last Sunset 15 hd. 18 last Sunset 20 due	22'	23' 24' 30 hd
21 last Sunset 22 hd. 24 last Sunset 26 hd. 31	In Lilacs at 1 P.M. Disturbed Several times from before dawn	
31 in Lilacs		30' 31(2)
15 hd. 17' 19' 20' 22(2) 25 hd. 26 hd.		27' 28' 29(2)
11 hd. 12' 13 hd. 15' 16' 17 hd. 18 hd. 19 hd.		24' 26' 29'
13' 15' 16' * 17' ⊗ 18 hd. 20 due	21' *	22 hd. 23 due 24'
11(20) 12' 15' 15' 16' 20 — 31,	25 ⊗ 26' 28 hd.	29 hd. 30' 31'
20 ♀ last Sunset 28 ♀ last Sunset 29 ♀ last Sunset	31 ♀ in Lilacs	

Birds noted in our Garden

CASH ACCOUNT. FEBRUARY.

	Received.	Paid.
1. Chickadee 2' 4' 6 1st sung	7 do. 8'	14' * 17' 1st sung
2 Hudsonian Ti. 1 1st sung	3 hd. 3 1st sung (*) at 4 45	6'
3. White thr. Sparrow	1' 2' 3 do. 4 do	5 do.
4 Blue Jay 1' 2 (2) 3 (2)	9 (3) 10 hd.	12' 14'
5 Red-bel. Nuthatch 2 2 at once	9 #	17'
6 Hairy Woodpecker 2 ♀ in trees		
7 Horn Sp. 2 10 4-5 6	7. 8, 9. 10	11, 12, 13
8 Downy W. 4 ♀ in catalpa	17 9	19' 24' 28 hd
9 Sparrow hawk 4 ♀ in apple tree, ♂ in catalpa		
10 Crow 4 3 5 12 8 hd.	4 (2) in windows.	13 (2)
11 Juncos 10 (4)	18 (2)	24 2 28 (2)
12 Flicker 13 hd. 17	19 * Still about trees, 3 pr.	

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
20 hd 22 (2) 23' 28' *		
7' 8' 10' 12' 13' 14' 16' * 17' 22' * 24'		
11' 15' * 16 hd. 17 hd. 24' 25' 26' 28'		
17 (8) 19 2 20 hd. 24' 25' 26 (2) 27' 28'		
14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 (2) 25, 6 28 h		
14 hd early morn 15 do. 23'		
21' * 22' * 26' * 28' *		

Birds noted in our Garden

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
1	Chickadee 1'* 3'* 4' 6' 10'* 11' 13'		
2	Flicker 1'* 6'* 7' 10'* 11'* 12'* 23'*		
3	Crow 1' 3' 7' 11' 12' 24²		
4	Downy 2' 6' 10' 12' 13'		
5	White th. Sparrow 2' 4' 13' 24' 30'		
6	Blue Jay 2' 4' 5' 6' 7' 8' 9' 10' 11'		
7	Hudsonian Tit 4' 6'		
8	Hairy W. 6° in chestnut with Downy 24° on ground in garden		
9	Screech Owl 8'* Downy flicker at 6.30 P.M.		
10	Robin [23 song at 7 P.M.] 24° in garden		
11	Crow Blackbird [23' song at 7 P.M.] 24 (14) 27*		
12	Song Sparrow 30'*		

CASH ACCOUNT. MARCH.

Date		Received.	Paid.
	23' 24' 25' 26' on ground 28' 29' 30' 31'		
	24' 25'* 28'* 29'* 30'* 31'*		
	24 (2) on ground in garden 25° 29°		
	12' 23' 24' 26 (2) 28² 29² 30' 31 (2)		
	28°		
	10'* at 6.30 P.M.		
	26° 29° 30'* (at 6 P.M.) 31'* (6 A.M.)		
	25' 28' 29 (14) 30 12+		

Birds noted in our Garden.

CASH ACCOUNT. APRIL.

Date.		Received.	Paid.
1	Chickadee 1'		
2	Robin 1'		
3.	White Thr. Sparrow 1' ⊗ 9' ⊗		
4.	Flicker 1' ✻ 9' ✻		
5	Downy 1 hd.		
6	Blue Jay 1' ✻ 9'		
7	Crow 1 hd in early morn.		
8	Crow Blackbird 1 ⑥ 9 6		
9	Song Sparrow 9' ✻		
10	Tree " 9' ④ ✻		

CASH ACCOUNT. APRIL.

Date.	Received.	Paid.

✓ Birds noted in our Garden.

CASH ACCOUNT. MAY.

Date		Received.	Paid.
✓	Chickadee 5th talking on fence.		
✓	Robin 5th 7 a.m. singing on fence & 25th on ground & also 8th		
✓	Chippy 8th		
✓	Oriole 8th after rain in 25th in elms from elms		
✓	Blue Jay 8th 17th 25th		
✓	Crow Blackbird 8th 17th		
✓	Swift 8th 25th		
✓	Swainson's Thrush 17th 25th		
✓	Black thr. Blue Warbler 17th		
✓	Wilson's Black cap 17th		
✓	Song Sparrow 17th silent		
✓	White thr. Sparrow 17th		
✓	Red eyed Vireo 17th 25th		
✓	Crow 17th after rain 25th in timber.		
✓	Redstart 25th in jungle		
✓	Ovenbird 25th		
✓	Goldfinch 25th calling		
✓	Nighthawk 25th shooting		

CASH ACCOUNT. MAY.

Date.		Received.	Paid.
	16th 17th 9 P.M. 25th		

Birds noted in our Garden.

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
1	Redstart 2 ♂ in birch grove,		
1	Goldfinch 2 ♂ calling		
3	Yellow-bill Cuckoo 2 ♂		
4	Robin 7 ♂ calling 8 ♂ at early chorus		
5	Blue Jay 7 ♂ screaming 16 ♂ do.		
6	Bal. Oriole 7 ♂ at head of garden 8 ♂ 18 ♂ (3 G.)		
7	Yellow Warbler 8 ♂ in singh & lilacs 9–9.20 a.m.		
8	Red-eyed Vireo 8 ♂ 16 ♂ 21 ♂		
9	Swift 7 ♂ 8 ♂ 16 ♂ 19 ♂		
10	Crow 8 ♂ eating sprawling (nest in garden) 16 ♂ young birds		
11	Flicker 8 ♂ 16 ♂ 21 ♂		
12	Brown-h. Grackle 16 ♂ on lawn		

CASH ACCOUNT. JUNE.

Date.		Received.	Paid.
21	hd.		

Birds noted in our Garden.

CASH ACCOUNT. JULY.

Date.		Received.	Paid.
1	Robin 3' 4 (3) 5' 6 Sang 7 7 mostly		
2	Jay 3' 4 2 5 (2) 6 (2) 7 (3) & Hab. Jay		
3	Crow 3 2 just 4 2 5 2 6 Had 7 Had & Hab.		
4	Grackle 3' 4' 5 (6) 6 2		
5	Snipe 3 Had 5 Had 6 Had 8 (2)		
6	Goldfinch 3' 4' 5' 7'		
7	Red eye 3' 4' 5' 6' 7'		
8	Flicker 3' 4' 5' (3) 6' 7' 8'		
9	Yellow Warbler 4 7 adult heard by Jay		
10	Baltimore Oriole 5 Feeding in pines		
11	Redstart 30 10 (Seen by Gilbert)		
12	Hummingbird 24 10 (Gilbert) Heard 25 (do)		
13	Scarlet Tanager 23 3d. Seen by Percy G. H. Hamer		

CASH ACCOUNT. JULY.

Date.	Seen by R. A. Gilbert	Received.	Paid.
8	10 4 ad 3 juv 12 4 ad 4 juv. 15 7, 17 8, 18 7 21 6 24 7 26 4 29 2 30 4		
	10, 12 2, 15 17 18 19 21 24 4 25 4 26 4 29 2 30 2		
	10 2 12 2 15 2 17 2 19 2 21 2 22 2 24 2 26 2 30 2		
7 (1)	10 3, 12 4, 15 4, 17 4, 18 3, 19 7, 21 5, 22 9, 24 15 25 10 26 12		
	12 3		
	10 12 2 15 3 17 19 24 25 2 26 3 30 1		
5 Had on legs	Chirping 6 7 do. Seen many times in Garden 7 7 Feeding 2 young in almond tree with 10 (Mrs. Hall) Heard 2 young		

Birds noted in our Garden.

CASH ACCOUNT. AUGUST.

Date.		Received.	Paid.
1.	Blue Jay 12' 13[2] 15' 18[3/4], 22[3/4], 23[3/4], 25-2d		
2.	Bal. Oriole 12' sm 13 and 15-2d' 18[3/4], 22[3/4],		
3.	Water Thrush 12' 13' 15-2d'		
4.	Oven bird 13(2)		
5.	Redstart' in M.[9] 13,		
6.	Goldfinch 13[6] and 14 2d; 18[3/4], 23[3/4], 25-4		
7.	Kingbird 13'		
8.	Flicker 13' 15' 18[3/4] 22[3/4] 23[2/4] 25-1		
9.	Robin 13[1/4] and sm. 14[2] 15-2 18[2/4] 22[2/4] 23[4/4]		
10	Scrub Owl 12[3/4] about 11 P.M. 15-[1/4] 7 P.M.		
11.	Sparrow hawk 13[1] high up		
12	Crow Blackbird 12 2d. 13 2d. 14 2d; 15-2d'		
13	Shrike 13 2d 14 2d; 15-2d		
14	Red-eye V. 14' 15-[1/2] 18[3/4]		
15	Upland Plover 14 flight call 2 d. soon after dayb'k.		
16	Downy W. 15-2d		
17	Yellow-billed Cuckoo 22' heard seen next pond by G. Hunt		

CASH ACCOUNT. AUGUST.

Date.		Received.	Paid.
	23[3/4], 25-2d		
	26 2d		
	25-[3/4] sm and 2d 26(3)		
	19[3/4] 22[2/4] 23[4/4] 25-2		

✓ Birds noted in our Garden.

CASH ACCOUNT. SEPTEMBER.

Date.		Received.	Paid.
	Blue Jay 13 hd.	23' 29'(2)	
✓	White thr. Sparrow 13	23(3) 29(5)+	
✓	Robin 23	29(3)	
✓	Chickadee 23 hd.		
✓	Black-poll 23(2)	29(2)	
✓	Water Thrush 23'	29'	
✓	Juncos 23'	29'	
✓	Ruby crown K. 29	heard chatting in Jungle.	
✓	Swainson's Thrush 29'	(sing) heard.	
✓	Red eyed Vireo 29'		
✓	Goldfinch 29 hd.		
✓	Red-bellied Nuthatch 29 hd.		
✓	Yellow-rump Warbler 29'		

CASH ACCOUNT. SEPTEMBER.

Date.	Received.	Paid.

Birds noted in our Garden.

CASH ACCOUNT. OCTOBER.

Date.		Received.	Paid.
1.	Chickadee 30 [2]		
2.	Hermit Thrush. 30 [1] eating grapes in arbor		
3.	Yellow rump 30 [2]		
4.	Pine Siskins 30 (12) eating seeds of Hemlock		
5.	Goldfinch 30 (3)		
6.	White throated S. 30 [8] + eating grapes		
7.	Juncos 30 (14)		
8.	Crows 30 [5]		
9.	Blue Jay 30 [1]		
10.	Flicker 30 [1]		
11.	Hairy Woodpecker 30 [2] in Orchard		
12.	Downy " 30 [1]		

CASH ACCOUNT. OCTOBER

Date.		Received.	Paid.

Birds noted in our Garden

CASH ACCOUNT. NOVEMBER.

Date		Received.	Paid.
✓ 1	Chickadee 13 hd 23 hd. 24 hd		26 (5) 27 3
2	Golden-crest 13" 15 hd. 23 (2)		26 (3)
✓ 3	Tree Creeper 13"		
✓ 4	Hermit Th. 13'		
5	White thr. Sparrow 13 (3) 14 2 23' with fine thin clear song like D. autumn		
✓ 6	Field Sparrow 13', 14' (Compared with C & C R.)		
✓ 7	Blue Jay 14 hd. 23 2 27' 28' 29"		
✓ 8	Flicker 14 hd 24' 27' 28'		
✓ 9	Goldfinch 23' in Brick Grove		
✓ 10	Pine Linnet 23 2 " "		
✓ 11	Redpoll 23 (6) hd all in Birch Grove.		
✓ 12	Brown Thrasher 23'		
13	Tufts Sparrow. 23 (4) + 30 (5)		
✓ 14	Crow 23 hd in early morn 24 (5) mobbing Owl.		30'
✓ 15	Barred Owl 23 Hooting Chickadee under protection. Bird seen in the same place by 25th following		24' in Austrian pine in Jungle mobbed by Crows. Very large Bird.

CASH ACCOUNT. NOVEMBER.

Date.		Received.	Paid.
30'			
24' do. 26 do 27 do			

Birds noted in the Garden.

CASH ACCOUNT. DECEMBER.

Date		Received.	Paid.
✓ 1.	Chickadee 1 1st seen 2 (5) 3 4th seen 4 (2) do. 5 (5) do. 6 (4) do		
2.	House Sparrow 1 5 2 5 4 3 5 6 5 12, 13, 14		
✓ 3.	Hairy Woodpecker 2 5 in Evans 19 5 in Jungle 21 1 in Lisbon		
✓ 4.	Downy do. 2 1 in apple tree 10 hd. 17 hds		
5.	Flicker 2 1 in jungle 4 (2) 5 hd 13 1 21 1		
✓ 6	Har. Gull 2 30+ flying		
✓ 7	Blue Jay 2 hd. 5 1 6 11 hd. 16 2. 17 hd		
✓ 8	White th. Sparrow 5 1 with chirk little Warren 6 1 do 9 1 do		
✓ 9	Junco 5 1 21 1		
✓ 10	Brown Creeper 6 hds 21 1 on ground under tree by the corn crib		
✓ 11	White-br. Nuthatch 6 hd. 16 hd 17 hd.		
✓ 12	Crow 9 hd in early morn. 12 hd 18 1 21 3 in flock		
✓ 13	Brown Thrasher 14 1 at Caseday bird by kitchen door		

CASH ACCOUNT. DECEMBER.

Date		Received.	Paid.
	21 dup. 23 (5) 29 1 30 1 31 hd		
	7 dup. 8 do 9 do 10 5 do 11 do 14 5 do. 15 dup. do. 16 dup do 17 do. 19 dup		
	15 dup 16 5 17 20 dup 21 dup. 23 5		
	31 (3) 4 not 4 together in elm trees drumming & in Catalpa by Museum		
	31 3 with 3 or 4 Hairy Woodpeckers		
	31 (2) with the Downy & Hairy Woodpeckers		
	19 3 21 hd. 23 2 28 hd. 29 (2) 30 (2) 31 (3) with Woodpeckers.		
	14 1 do. 16 1 do. 17 1 do. 21 1 do. 23 1 do		
	30 hd 31 coming & going		
	19 1 in jungle. 20 5 in Lisbon 21 1 under hay in Study room door 23 1 30 1		

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.		
FEB.		
MAR.		
APR.		
MAY.		
JUNE.		
JULY.		
AUG.		
SEPT.		
OCT.		
NOV.		
DEC.		

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. FEBRUARY

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. MARCH

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. APRIL.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. MAY.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. JUNE.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. JULY.

Date.	Name.	Dolls.	Cts

RECEIVABLE

BILLS PAYABLE. AUGUST.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. SEPTEMBER.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. OCTOBER.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. NOVEMBER.

Date.	Name.	Dolls.	Cts.

RECEIVABLE.

BILLS PAYABLE. DECEMBER.

Date.	Name.	Dolls.	Cts.

RECEIVABLE

Birds noted at Bethel, Maine.

MEMORANDA Nov. 16 - 22

Date.		Dolls.	Cts.
1	Chickadee 16hd. 17hd 18(2) 19(10) 20hd. 21 sev.		
2	Brown Creeper 19(2) 21'		
3	Hudsonian Tit 16hd 19hd 20 (1)(1) 21'		
4	Golden crest K. 18² 19² 21 (2)(2)		
5	Red bell. Nut. 18² 19²		
6	Northern Shrike 16hd		
7	Pine Grosbeak 16hd. 21hd		
8	Evening " 21'		
9	Redpoll 16hd 17hd. 18(14) (30+) 19hd 20 hd 21 hd		
10	Tree Sparrow 16' 18'		
11	Juncos 16' 18hds.		
12	House Sparrow 16 15+ in village		
13	Blue Jay 16hd. 19³ 21'		
14	Downy Woodpecker 21 & 9		
15	Partridge 16' 20⁴ 21²		

MEMORANDA.

Date.		Dolls.	Cts.

Quotation from Pres. Eliot's address.

"I was brought up as a student of science, and was therefore trained in the careful study of ascertained facts as the only legitimate basis for some strictly limited inferences" (Charles W. Eliot, 1913).

ADDRESSES.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

ADDRESSES.

NAME. Frank M. Chapman
STREET, No. c/o American Legation
CITY. Bogota, Colombia, So. Am.
TELEPHONE No.

NAME. William Reiff
STREET, No. N. E. Entomological Co.
CITY. Forest Hills, Mass.
TELEPHONE No. Jamaica 1541-W.

NAME. E. D. Osborne
STREET, No. 96 Winthrop St.
CITY. Winthrop, Mass.
TELEPHONE No.

NAME. Warren A. Mason
STREET, No. 53 Liberty St.
CITY. New York (Dan's friend)
TELEPHONE No.

NAME. Edw. D. Jefferson
STREET, No. [illegible]
CITY. [illegible]
TELEPHONE No.

ADDRESSES.

NAME. Mrs. Thomas S. Parley
STREET, No. Greenwood Farm
CITY. Richmond Road
TELEPHONE No. South Euclid, Ohio.

NAME.
STREET, No.
CITY.
TELEPHONE No.

NAME.
STREET, No.
CITY.
TELEPHONE No.

NAME.
STREET, No.
CITY.
TELEPHONE No.

NAME.
STREET, No.
CITY.
TELEPHONE No.

ADDRESSES.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME.

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CITY.

TELEPHONE NO.

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NAME.

STREET, NO.

CITY.

TELEPHONE NO

ADDRESSES.

NAME.

STREET NO.

CITY.

TELEPHONE NO.

NAME.

STREET, NO.

CITY.

TELEPHONE NO

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME.

STREET, NO.

CITY.

TELEPHONE NO.

NAME

STREET, NO.

CITY.

TELEPHONE NO.

Birds noted at South Yarmouth

ADDRESSES. Aug. 19-25

NAME. Robin 19³ 20⁵ 22³

STREET, No. Pine W. 19²

CITY. Chippy 19¹⁵+ 20³⁰+ 21, 22¹⁰ 23(40)

TELEPHONE No. Barn Sw. 20' 21' 22' 23²

NAME. Swifts 20' 22' 24'

STREET, No. Bal. Oriole 20⁴ᵈ · 23⅓ 24(+)

CITY. Night Heron 20 5 ad 2 juv

TELEPHONE No. Green " 20' 22' 23'

NAME. Kingfisher 20+ 21' 22² 23² 24'

STREET, No. Tringoid 19 (3 juv) 20' 21' 23'

CITY. Willet 20' (Heard & seen on marsh. Willets common. Several on marsh)

TELEPHONE No. Locust Tern 20 (1 feeding in Bass R. estuary) 23

NAME. Hideouts " 21+ 23 (2 juv Sesuit Point)

STREET, No. Black-bel. Tern W. 21 & 22+

CITY. Bittern 20 (heard croaking at night) 22²

TELEPHONE No. Wood Pewee 22 (2)

NAME. Fish hawk 22' Long P.

STREET, No. Great Blue Heron 22½ + 23'

CITY. Crow. 20. 21+ 22 (10) 23
Blue Jay 21 1st 22 nd. 24 (6)

TELEPHONE No. Flicker 22' * (early morning) 25-2
Towhee 21' 22'

Birds noted at South Yarmouth

ADDRESSES. Aug. 19-25

NAME. Chickadee 23 (10)

STREET, No. Spotted Sand 23 (2)

CITY. Laughing Gull 23 2 ad 1 juv (feeding in living off. wound mid.

TELEPHONE No. Hummingbird 19' 24'

NAME. J. J. Scannell (Cows and poultry buyer)

STREET, No.

CITY. Woburn, Mass.

TELEPHONE No. 230 Woburn

NAME. Barrows Studio (Artistic photographs taken by Miss Allyn)

STREET, No. 49 High

CITY. Medford

TELEPHONE No. 672 R Medford

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

Birds noted at Glendale, Mass.

ADDRESSES.

NAME.

STREET, No.

CITY.

TELEPHONE No

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

NAME.

STREET, No.

CITY.

TELEPHONE No.

CALLS. July 9-31

Rec'd.	NAME. July	Returned.
1	Robin 9⁵⁰* 10²* 12'* 13'* 14'* 15'* 16'* 17½* 18½* 19'* 20½* 21½* 22½* 23½* 24½* 25½* 26½* 27½* 28½* 29½* 30½*	
2	Wood Thrush 9'* 10'* 11'* 12'* 13½* 14½* 15'* 16½* 17½* 18½* 19½* 20½* 21'* 22'* 23'* 24'* 25'* 26'* 28'* on lawn	
3.	Veery 9ʰᵈ 14ʰᵈ 16ʰᵈ	
4	Hermit 14'* 16'* 25⁵* 28¹¹* am. 29'* da.	
5	Chickadee 10'* 16ʰᵈ. 20ʰᵈ 25'* 29ʰᵈ 30'*.	
6	Hermit Thrush 7'* nest in Robin 10'* da. 11 da. 12 da. 13 da 14 da. 15 da 16 da 17 da 18'* da. 19 da 20 da 21 da 22 da 23 da. 24 Hermit 25'* da. 26'* 27'* 28'* 29'* 30'*	
7	Magnolia W. 10'* 14'* 15'*	
8	Yellow Warbler 25'*	
9	Black Cha. Swallow 10'* 13'* 14'* 15'* 16'* 20'* 22'* 25'* 26'* 27'* 28'*	
10	Black Cha. Blue 10'* (with nest building) 11'* 22'* 25'*	
11	Bluebird 10'* 11'* 12'* 13'*	
12	Red eye 11½* 12½* 13½* 14½* 15½* 16½* 17½* 18½* 19½* 20½* 21½* 22½* 23½* 24½* 25½* 26½* 27½* 28½* 29½* 30½*	

Birds noted in or near Glendale

CALLS. July 9 – 31

Rec'd.	Name. July	Returned.
13.	Solitary V. 10½ 11½ 12½ 22 ad 27½	
14.	Scarlet T. 10½ 12 ad 16½ on bot. 28 2 ad	
15	Thrush Gr. Grass. 10½ 17½ in 9 a.m.	
16	Cedar bird 10 ad. 12 (5) 13 do very loud on nest in apple tree .X. 21 ad.	
17	Yellow Sp. 10½ 31½	
18	Song Sp. 10½ 11½ 12½ 13½ 14½ 15½ 16½ 17½ 18½ 19½ 20½ 21½ 22½ 23½ 24½ 25½ 26½ 27½ 28½	
19	Towhee 10½ 11½ 12½ 13½ 14½ 15½ 16½ 18½ 18½ 19½ 20½ 21½ 22½ 23½ 24½ 25½ 26½ 27½ 28½ 30½	
20	Crested F. 10½ 11½ 12½ 16½ 17½ 18½ 20½ 21½ 25½ 29½ 30½ 31½	
21	Song Sp. 9½ 12 (5) 16 (3) 18, 19, 20, 21, 22 26½ 27 25½ 29½ 30.½	
22.	Hummm 10½ 11½ 12½ 13½ 14½ 15½ 16½ 19½ 21 (2 ♂♂) 26½ 27½	

Glendale, Mass.

CALLS. July 9 – 31

Rec'd.	Name. July	Returned.
23	Song Sp. 10½ 11½ 16½ 18½ 23½ 25½ 30½	
24	Bl. Throat 10 ♀ 24 juv. 13 ♂ ad ♂ juv 15 ♂ juv 16 juv 30 ♂ ad.	
25	Barn Swallow 12 (15) 16 2 19 100+ head to tail coming 20 do. 25 18 ad 29 ad 31 15	
26	Eave Swallow 12 adults feeding young in nest 13 (4) 16 (2) 17 (2) 18 2 ad 30+ in all. coming 20 do 21 (15) on wire 22 ad.	
27	Bl. & White Creeper 13½ 16 saw. young in tree 25½ 27 30½	
25	Chipping Sp. 13½ on nest 15 16 with young 21½	
29	Towhee 13½ young	
30	Cowbird Fly. 13 young with all grown young	
31	Kingbird 13 young in tree 16 15 20 25 29 3	
32.	Broad-wing Hawk 13 Bird that recently 22 ♂ young in tree	
33	Sparrow Hawk 23 ♂ young	

Glendale, Mass.

CALLS. July 9-31.

Rec'd	Name.	Returned.
33	Goldfinch 13 ⊗ 15 hd 30 hd	
34	Indigo Bird 15 ✱ 18 ✱ 2 ✱ 23 ✱ 25 ⊗ 27 ✱ 28 ✱.	
35	Phoebe 15 ✱ 16 (eating Shadbush berries, top 9 mi. 23 ✱ 24 ✱ 28 ⊗	
36	Hummingbird 15 ⊗ 16 ⊗ 17 ✱ 21 2 ✱	
37	Baltimore Ori 16 ✱ (9 a.m. northeast corner) 17 ② ✱ at 7.10 P.M. 23 ✱. (in pines across road)	✱ heard this ✱ at 7.30 P.M.
38	Flicker 15 19 21 23 ✱ 29 ✱ on lawn	
39	Downy W. 18 30 as 31 hd.	
40	White Br. Nuthatch 17 ② (1 on elm near house) 18 hd 21 hd. 22 hd. 24 hd 25 hd 31 hd.	
41	Black-bill Cuckoo 16 ✱ 19 ✱ (heard 9 P.M.) 22 hd 23 ✱ 24 ✱ 25 ✱ 26 ✱ 28 ✱	
42	Great H. Owl. 18 ✱	
43	Cat. Bird 19 call hd. 21 2 ✱ 25 ✱.	

Glendale, Mass

CALLS. July 9-31.

Rec'd.	Name.	Returned.
44	Bluebird 21 2 31 ✱	
45	Purple-Finch 26 ② 28 hd	
46	Blue Jay - July 10 2 31 hd.	
47	[illegible]	
48	Night Heron 17 hd (2 L.T.) 28 hd at Cit	
49	Red [illegible] 29 ⊗	
50	Red should. Hawk 30 ✱	
51	[illegible] 2[illegible]	

Birds noted in or near Glendale, Mass.

CALLS. August 1-12

Rec'd.	August	NAME.	Returned.
1.		Robin	12'
2.		Hermit	
3.		Red-eye	
4.		Solitary V.	
5.		Cedar B.	
6.		Song Sp.	
7.		Field "	
8.		Chippy	
9.		Indigo B.	
10.		Goldfinch	
11.		Chickadee	
12.		Crow	
13.		Jay	
14.		Nuthatch	
15.		Downy W.	
16.		Flicker	
17.		Swift	
18.		Crested F.	
19.		[illegible]	
20.		Barn Sw.	
21.		Cuckoo	

Birds noted at Glendale, Mass

CALLS August 1-12

Rec'd.	August	NAME.	Returned.
22.		Wood Th.	
23.		Red-sh. Hawk	
24.		Black & W. Creeper	
25.		Wood Pewee	
26.		Kingfisher	
27.		Ry. Grouse	
28.		R. n. Pheasant	
30.		House Sparrow	
31.		Meadow Lark	
32.		Maryland Yellow Th.	
33		Bluebird	
34		Catbird	
35.		Baltimore	
36.		Magnolia W.	
37		House Wren	
38		Redstart	
39		Chestnut S. W.	

Birds noted at Bethel, Maine.

CALLS. May 26-28.

Rec'd.	Name.	Returned.
1	Robin 26 1 ✻ 27 5 2 ✻ nest in elm by house	
2	Wilson's Thrush 27 2 Ed. Calley 28 2 da	
3	Hermit " 27 1 ✻	
4	Savannah " 27 1 ✻ 1 Elm	
5	Brown Thrasher 27 1 ✻	
6	Cat bird 27 1 ✻	
7	House Wren 27 1 ✻	
8	Winter " 27 1 ✻	
9	Ministrita 27 2 ✻	
10	Usnea Warbler 26 ♂♀ 27 ♂♂♂♀ ✻✻✻✻	
11	Nashville " 26 1 27 3 ✻ 28 2 ✻	
12	Tennessee " 27 1 ✻	
13	Black tha. Green 26 ♂♀ 27 1 ✻	
14	Magnolia " 27 2 ✻	
15	Chestnut Side " 27 2 ✻	
16	Cape May " 26 ♀ 27 ♀	
17	Blackburnian " 26 ♀ 27 ♂♀ ✻	
18	Black-poll " 27 ♂	
19	Canadian " 26 ♀ 27 2 ✻	
20	Redstart 27 2 ♂♂ 1 ♀ 5	

Birds noted at Bethel, Maine

LETTERS. May 26. 28

Rec'd.	Name.	Answered.
21	Oven bird 26 2 ✻ 27 3 ✻ 28 2 ✻	
22	Water Thrush 27 1 ✻	
23	Maryland Yellow-tha. 27 1 ✻	
24	Warbling Vireo 26 1 ✻ 27 1 ✻ 28 1 ✻	
25	Red eyed " 27 1 ✻ 28 2 ✻	
26	Scarlet Tanager 27 1 ✻	
27	Bank Swallow 27 hd.	
28	Purple Finch 26 1 ✻ 27 1 ✻ 28 1 ✻	
29	Goldfinch 27 2 ✻	
30	Savanna Sparrow 27 1 ✻	
31	Song " 26 1 ✻ 27 2 ✻	
32	White thr. " 26 1 ✻ 27 1 ✻ 28 2 ✻	
33	White Crown " 27 ♂ ✻	
34	Chipping " 27 4 ✻	
35	Junco 27 5 ✻	
36	Rose br. Grosbeak 27 1 ✻ 28 1 ✻	Village clearing
37	Crow 27 ♂	
38	Blue Jay 27 1	
39	Bronzed Grackle 26 ♂ 27 1	
40	Baltimore Oriole 26 1 ✻	

Birds noted at Bethel, Maine

LETTERS. May 26-28

Rec'd.	Name.	Answered.
41	King Bird. 27[2] 28[1]	
42	Crested Fly catcher 27[1]*	
43	Olive Sided " 27[1]* 28[1]*	
44	Alder " 27[1]* 28[1]*	
45	Least " 26[1] 27[1]*	
46	Chimney Swift 26[2] 28[2]	
47	Hummingbird 27[3]	
48	Flicker 27[1]	
49	Hairy Woodpecker 27[3]	
50	Meadow Lark 28[1]* Meadows near R.R. Station	
51	Bobolink 28[1]* "	
52	Grass Finch 28[1]* Little more Doctrine	
53	Yellow bel.. Fly. 28[1] pecoli Church with Town	
54	House Sparrow 27[4] 28[4]	
55	Spotted Sandp. 27[1] heard over inner. H.R.R.	

Birds noted at Washington D.C.

LETTERS. June 3-6

Rec'd.	Name.	Answered.
1.	Robin 3[2]* 4[6] (3.*) 5[2]* 6[1]*	
2.	Wood Thrush 3[1]* 4[2]* 6[2]*	
3.	Thrasher 4[1] (8) 5[4]*	
4.	Catbird 3[1]* 4[1]* 5[8]*	
5.	Car. Wren 5[1]*	
6.	Yellow W. 3[1]* 4[1]*	
7.	Redstart 4[1]*	
8.	Red-eye V. 3[1]* 4[2]* 5[3]*	
9.	Goldfinch 4 call but	
10	Indigo bird 3[1]* 4[1]* 5[2]*	
11.	Cardinal 3[1]* 4[1]* 5[2]*	
12.	Acadian Fly. 4[1]* 5[1]* 6[1]*	
13.	Crow 4 but 5 but	
14.	Fish Crow 4[3]	
15	Purple Grackle 3[20] 4[30]	
16.	Song Sparrow 5[1]*	About 2 miles east of Rock Creek Park
17.	Chat 5[1]*	
18	White eyed Vireo 5[1]*	
19.	Field Sparrow 5[1]*	
20	Towhee 5[3]*	
21	House Wren 5[5]*	

Birds noted at Washington D. C.

LETTERS. from 5. 6

Rec'd.	Name.	Answered.
22.	Purple Martin 5- Large colony 30 pairs on tower	
23.	Meadow Lark 5-1/*	
24.	Wood Pewee 5-1/*	(about 2 on each)
25.	Cedar Bird 5-1	(Rose Breasted Grosbeak)
26.	Swift 5-5-	
27.	Car. Dove 5-1/*	1 down in wood.
28.	Jaeai 5- 12 + heard almost everybody * last month. 6/) bill from 5. 15 to 7.30 P.M.	
29.	Yellow Thr. Vireo 6/* near Anacostia	

Birds noted near Rothrock, Pa.

LETTERS. from 7 to 7-9 inc.

Rec'd.	Name.	Answered.
1.	Robin 7-*	
2.	Hermit Thrush 7-1/*	
3.	Red eye Vireo 7-1/*	
4.	Yellow Thr. " 7-1/*	
5.	Flicker 7-	
6.	~~Starling~~ 7-	
7.	Red. Wing 7 * 10 58	Harrisburg
8.	Fla. Goldfinch 7-1 on nest	(Harrisburg

Birds noted at Cotuit, Mass.

LETTERS. Aug. 16-

Rec'd.	NAME.	Answered.
1	Robin 16 (6)	
2.	Pine War. 16 (12) 17 8 18 (8)	
3.	Wood Pewee 16 (2) 17 (2) 18 *	
4.	Fish hawk 16' 17'	
5.	Kingfisher 16' 17'	
6.	Common Tern 16' 17 2 18 (5)	
7.	Laughing Gull 16 4 17 4	
8.	Green Heron 19 3	
9.	Chippy 18 3	
10.	Swift 18 2	
11.	Barn Swallows 18 2	
12.	Cooper's Hawk 18 (3 in soaring & squealing)	
13.	Crow 16, 17, 18, 19 (10)	

Birds noted at Wolfeboro, N. H

June 17-18 LETTERS. May 5-7

Rec'd.	NAME.	Answered.
17 4 *2 18 (5)	Robin 5' 6 (3) 7' * (4) on lawn	
17' * 18 2 *	Warbling Vireo 6' * 7' * belly clear	
18' *	Yellow Thr. " 6' * 7' * "	
17 4 18 6	Purple Martin 5-6 6 2 7 6	
	Tree Swallow 5-4 6 4 7 2	
17 4	Eave " 6 heard at ear.	
17 2 18 4	Chipping Sparrow 5' * 6 2 * 7' *	
17' * 18 2 *	Least Flycatcher 5-2 * 6 3 * 7 2 * belly	
18' *	Meadow Lark 6' * Academy grounds.	
17 4	Chimney Swift 5-hd 6 2	
17' * 18 3 *	Purple Finch	
18' *	Yellow Warbler	
18' *	Wood Pewee	
17 3 * 18' *	Bal. Oriole	
17' *	Whippoorwill	
18'	Kingbird	

Copper Stocks bought

(024.

October 16 & 17 1907

10	Copper Range	@	58 =	580
10	North Butte	"	38 =	380
10	" "	"	33 =	330
10	Butte Coalition	"	10¼ =	102.50
10	Wolverine	"	94 =	940.
10	Utah Consolidated	"	27 =	270.
50	Balaklala	"	3.50 =	175

LETTERS.

Rec'd.	Name.	Answered.
	W. Rosen Thayer:- "I hate this windy weather & have half a mind to send myself home by parcel post" Dear Hodges. "You can't do that. You're first class male matter" (Jan. 4)	

Bats in Shed Loft on "Farm"

May 2. One at 8 a.m. Went out at 10
" 3. Nine in Shed loft, old place.
" 4. Ten " " "
Aug. 12 Thirteen " " ", Nine roosting
Aug. 20 Nine " " "
Sept. 19 - 22. Four " " "
" 23 — Three " " "
" 24 - 26. Two " " "
" 27 - Oct 4: One " " "

Phonograph Records Victor

89004 Crucifix (J. Faure)
Emma Eames - Soprano Soloist

Concord, Mass.

March 15–22,

✓ Bluebird 15 ♀ ♂ ✱ 16 ✱ 17' 18' ✱ 19 (69) 20' 21' ✱

✓ Chickadee 15' 16' 17' 18 ✱ 19 (3) 20 (2) 21 ✱

✓ Junco 15' ✱ 17 (14) 18 hd 19 (2) 20 (12) 21 ✱

✓ Song Sparrow 15' ✱ 16 ✱ 17' 19 ✱ 20 ✱

✓ Red wing 15 (7) ✱ 16 ✱ 17 hd 18 hd ✱ 19 (50) (50)

✓ Crow 15' 16 (3) 17 (3) 18 (10) 19

✓ Flicker 15' ✱ 16 ✱ 20 ✱ 21 ✱

✓ Marsh Hawk 15' ✱ 18 ✱ 19 ✱ 20 (2)

✓ Pheasant 15' ✱ (4) 16 ✱ 17 ✱ 18 ✱ 19 ✱

✓ Hen. Gull 15' 18 (7) 20

✓ Robin 16' 17 (5) 18 hd 19 hd 20' 21 ✱

✓ Hairy W. 16'

Hawk Sp. 16 hd 17 hd 18 hd (2) 22'

✓ Tree Sparrow 17 (3) (1) 21

✓ Red Shoul. Hawk 15' ✱ 17 21 ✱

✓ Rusty Blackbird 18 hd 21

White bel. Nuthatch 18' ✱ 21 22

✓ Golden-crest Kinglet 19

Brown Creeper 19' 22'

(Glorioso wine)

Crow Blackbird 16' 19 50+22 (300)

22 (2)

24 (6) | 2

21 ✱ 22 (2)

21 2 ✱ 22 Song in bog to Quincalt

21 10 22 20

21 ✱

20 2 ✱ 21 2 ✱

22 2

22 3 ✓ Sparrow 19 (6)

✓ Phoebe 20 ✱ 21 ✱ 22 ✱ |

✓ Downy W. 20 ✱

✓ Blue Jay 20 (2)

✓ Black Duck 20 (3)

✓ Song Sparrow 21'

✓ Goldfinch 22 (5)